The
CHEMIST AND DRUGGIST
RETAILER — WHOLESALER — MANUFACTURER
NOVEMBER 26, 1949

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nally prepared in Great Britain in the rch laboratories of I.C.I., 'Phenovis' is established as the best anthelmintic for and cattle. It is conveniently given as nch, made by mixing 'Phenovis' Dis- ple Powder with water. 'Phenovis' l phenothiazine Tablets are prepared lly for dosing sheep, and form a con- nt alternative to the drench. They are given by means of the balling gun, or s.

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'Phenovis' Drenching Syringes, and 'Phenovis' Balling Guns are also available.

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Further information and literature, together with 'Phenovis' dosing tables, display cards, etc., also available from I.C.I. Sales Offices.

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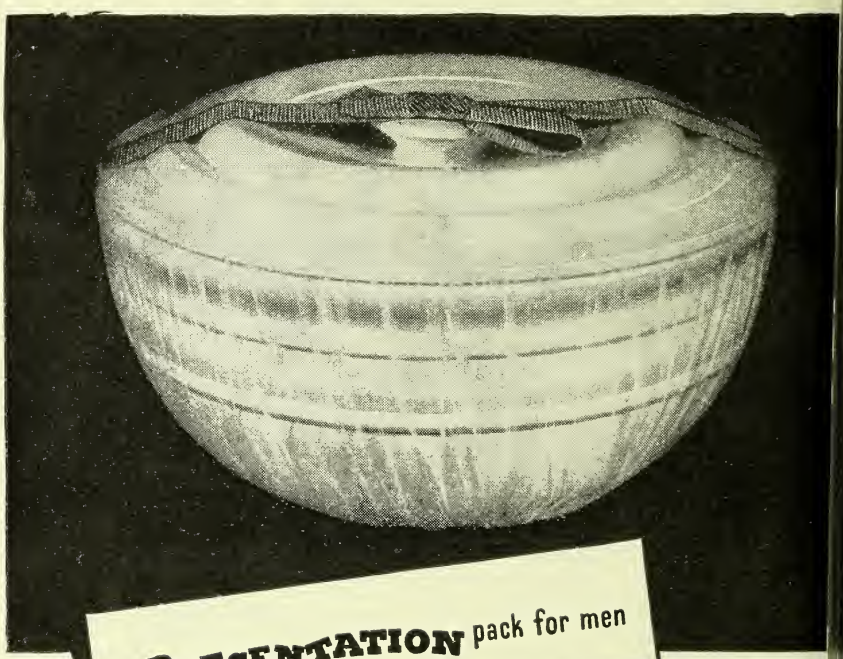

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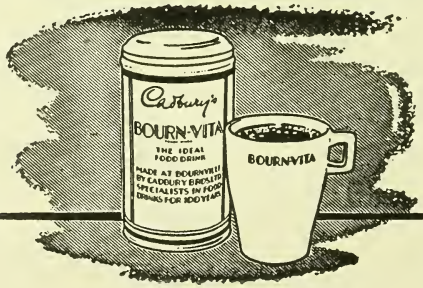

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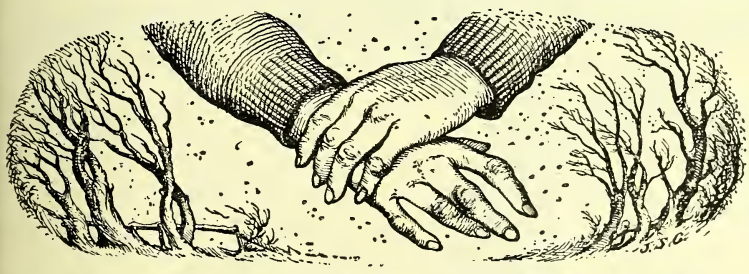

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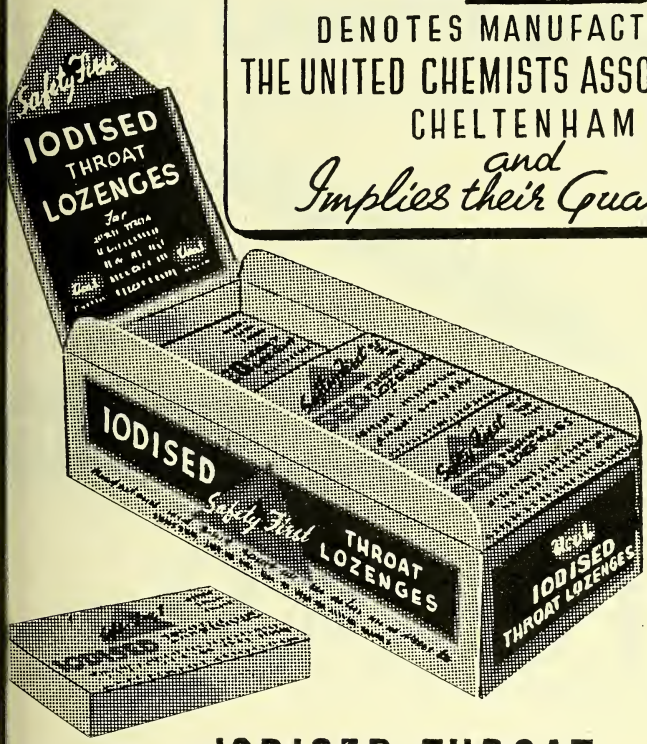

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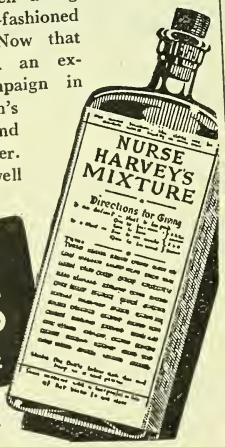

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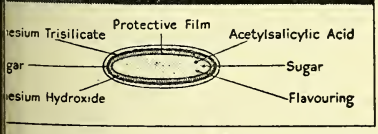

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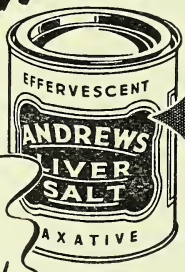

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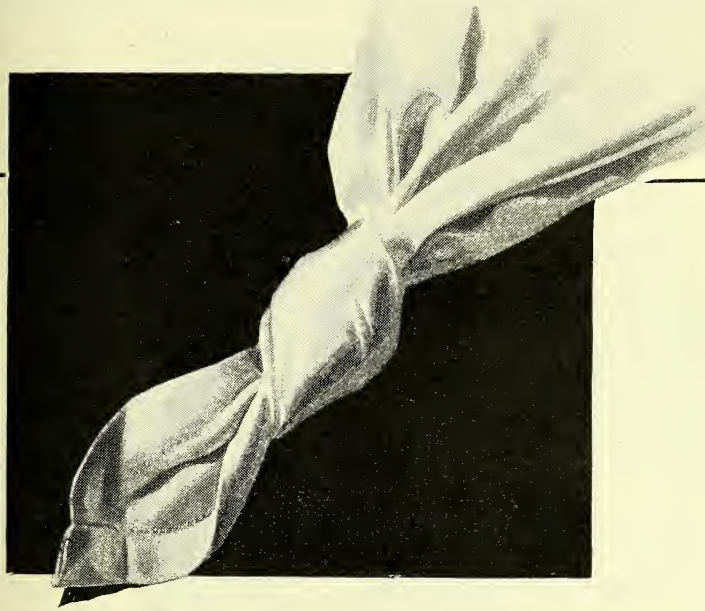

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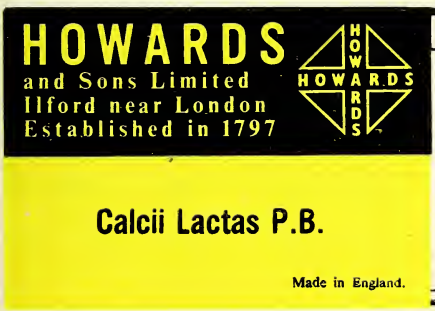

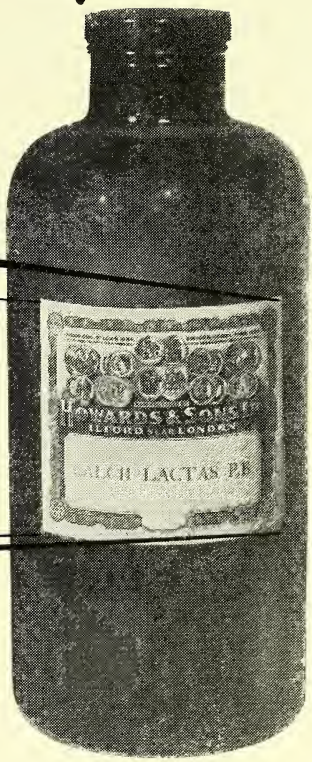

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COST :

2 doz. at 4/3	=	£5	2	0
Less 25%	=	1	5	6
				£3 16 6

RETURN :

2¼ doz. at 4/3	=	£5 14 9

PROFIT :

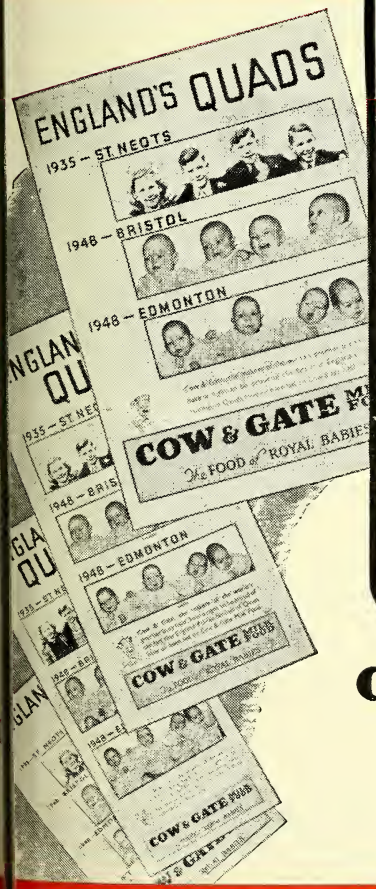
£1 18s. 3d. = **50% on Outlay.** / **33⅓% on Turnover.**

For Cash with Order—
PROFIT = £2 0s. 2d. = **54% on Outlay.** / **35% on Turnover.**

H. R. NAPP LIMITED
3 & 4, CLEMENTS INN, LONDON, W.C.2.

on a rapid seller

Englands Quads



ST. NEOTS 1935
BRISTOL 1948
EDMONTON 1948

The nation-wide advertising campaign informing the general public that all the three families of England's Quads have been fed on Cow & Gate has aroused even greater interest in this famous baby food.

Cow & Gate are now able to supply attractive display material and chemists are invited to share in this successful campaign by writing to :—

COW & GATE LTD

Dept. C.D.

GUILDFORD

SURREY

446

INFECTION

THE COLD WAR IS HERE NOW

Keep infection out of your pharmacy.

Let the germ-laden gentleman and the lachrymose lady be met on your doorstep by an atmosphere of Zoflora.

The danger of infection to you and your staff will be greatly reduced during the winter months by a thrice daily spraying.

Let the germs pass out while the customers pass in, and—if the fragrance leads to enquiries over the counter the prices are: bottles 2/-, 7/-, 13/6.

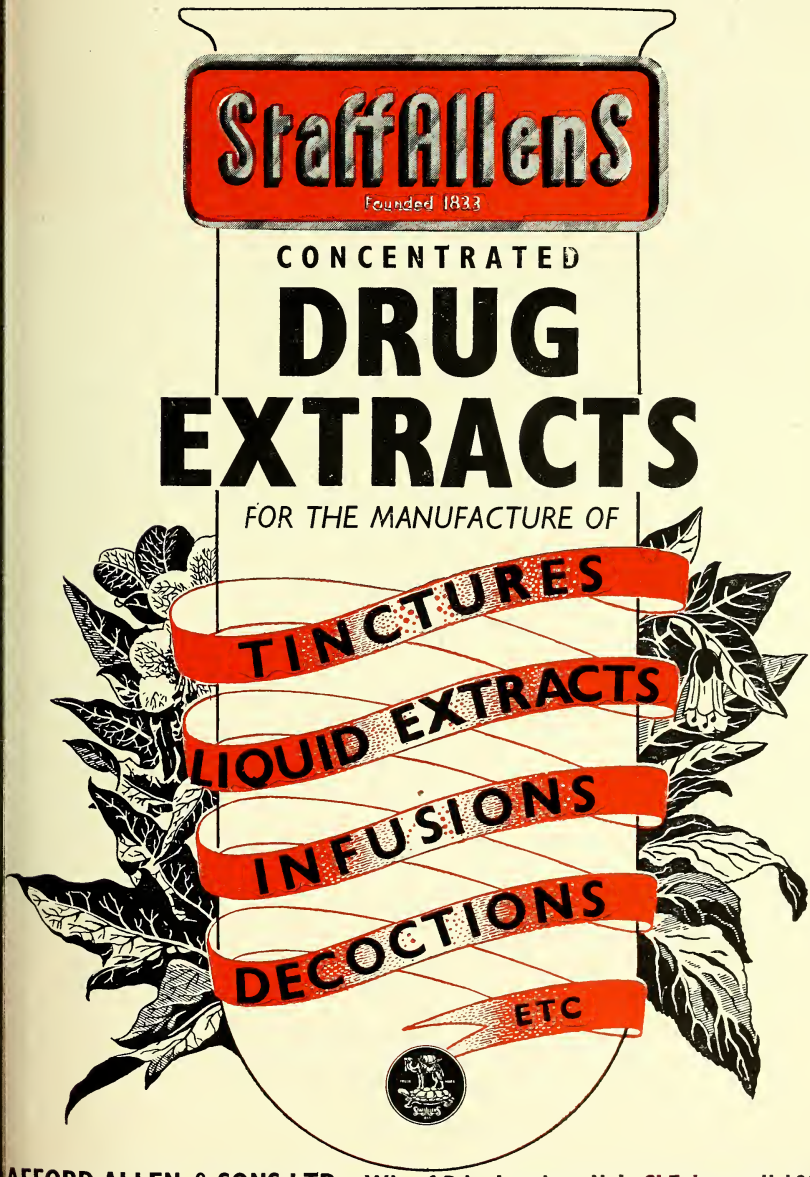
Complete spraying outfits 10/- and 21/- usual trade discounts.

THORNTON & ROSS LTD., LINTHWAITE, HUDDERSFI D

PROTECTION

ZOFLORA

TZ13



AFFORD ALLEN & SONS LTD., Wharf Rd., London, N.1. CLErkenwell 1000

TAS/AL.357

3 sulphonamides are better than 1

By using a combination in partial dosage of three sulphonamides structurally different but therapeutically equivalent, however, the risk of crystal deposition in the urinary tract is reduced to a minimum. The solubility of each sulphonamide is not interfered with by the presence of others.

"One of the greatest advances in the use of sulpha drugs is unquestionably the recent introduction of multiple sulphonamide therapy."

(Ledbetter, J. H., and Cronheim, G. E. (194 *Amer. J. med. Sci.*, **216**, 27.)

"One of the main limiting factors in effective sulphonamide therapy has been the danger of renal damage fro the free or conjugated drug. Crystalluria has been reported in from 26 to 28 per cent. of patients when sulphadiazine or sulphamerazi are given separately."

(Flippin, H. F., and Rheinhold, J. (1946) *Ann. Int. Med.* **25**, 433.)

trade mark **'SULPHATRIAD'** *brand*

compound sulphonamide tablets and suspension

each tablet and 4 c.c. teaspoonful of suspension contains sulphathiazole 0.185 gramme
sulphadiazine 0.185 gramme
sulphamerazine 0.130 gramme

'Sulphatriad' is supplied in contain

25 tablets	at	3
100 ,,	,,	14
500 ,,	,,	70
4 oz. suspension	,,	7
80 oz. ,,	,,	120

manufactured by

MAY & BAKER LTD

distributors PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD. DAGENHAM

48239

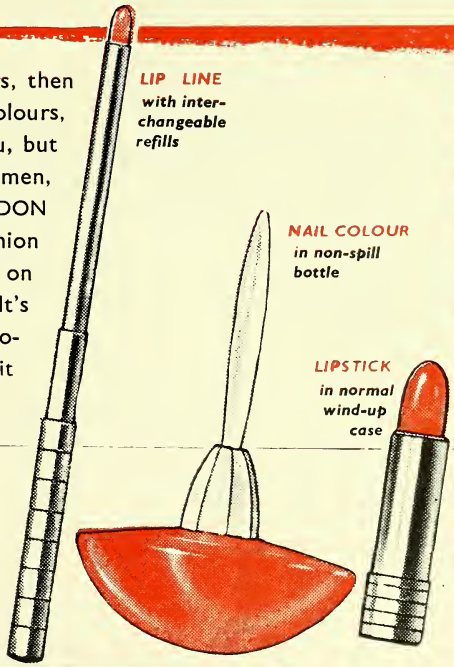
There's 'plenty' in colour matching for YOU!

GALA OF LONDON's

LIP & NAIL COLOURS

for every fashion shade

Matching lip to nail colours, then keying them to clothes colours, may sound frivolous to you, but every day more and more women, persuaded by GALA OF LONDON advertising, cajoled by fashion and beauty editresses, look on colour matching as a 'must.' It's a good, sound business proposition for GALA stockists as it means *multiple sales!*



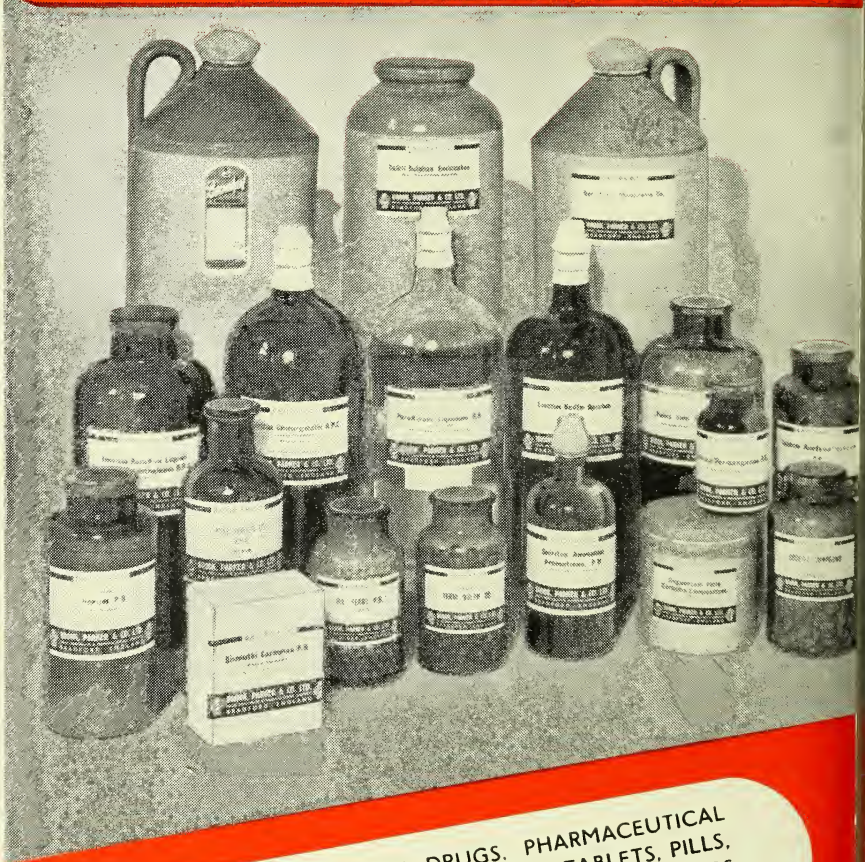
When customers ask for GALA Lipstick, offer them Nail Colour in the same shade . . . when they ask for Nail Colour, sell them a matching Lipstick or Lip Line. In short, make two GALA sales where you used to make one!

GALA OF LONDON

All enquiries or orders to :

DISTRIBUTORS : **MYRAM PICKER LTD., HOOK RISE, SURBITON, SURREY**

FOR HOME & EXPORT MARKET



Specialists in VEGETABLE DRUGS, PHARMACEUTICAL CHEMICALS, GALENICALS, COMPRESSED TABLETS, PILLS, PACKED GOODS. ALSO CAPSULES, SUNDRIES DRYSALTERIES, DISINFECTANTS, ETC. PHOTOGRAPHIC APPARATUS, CHEMICALS & SUNDRIES

BROPARCO ASHFIELD TRADE MARK

Brook, Parker & Co. Ltd

MANUFACTURING CHEMISTS - ASHFIELD - BRADFORD - ENGLA

TELEGRAPHIC ADDRESS: BROPARCO, BRADFORD - TELEPHONES: BRADFORD 8237

MAKE SELLING DISPLAYS IN DOZENS OF WAYS

vith a Wisdom Unit Display Set

ere's a new display idea that is a winner! ith a Wisdom Unit Display Outfit you n ring the changes in your displays again d again. It's easy—and it pays.

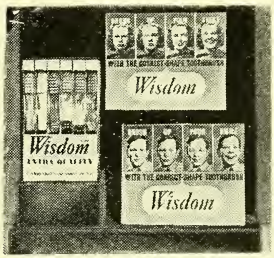
HERE'S HOW IT WORKS

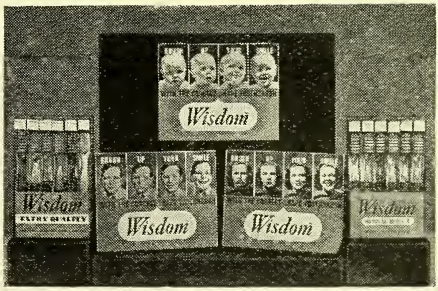
ıch outfit consists of three platforms—one ıg, two short—a background screen, and set of showcards which tie up your shop th Wisdom advertising. The screen and ıtforms are covered with black and royal ue velvet paper. This rich background sets the blue Wisdom cartons and coloured handles in vivid contrast. With these units you can build your own display in a few seconds—any size you like, any shape you like, anywhere you like. Just a few combinations are shown here, you can work out dozens of variations.

HOW TO GET YOUR OUTFIT

Simply drop a card to Addis Ltd., Hertford, and your Display Outfit will be sent to you. There is no order or quantity stipulation —the outfit is yours for the asking.

The complete set (on left) *consists of one back s reen, one long platform, two short platforms and a series of 4 showcards—v ith which you can make dozens of effective combinations.*





Wisdom REGD.

HE QUICKEST-SELLING TOOTHBRUSH

DE BY ADDIS LIMITED, OF HERTFORD, MAKERS OF THE FIRST TOOTHBRUSH IN 1780

C

Are you stocking enough?

NERVONE

REGD

FOR HEALTHY NERVES

Increased advertising has led to a jump in 'Nervone' sales, and the number of orders coming into us marked "URGENT" indicate that insufficient stocks are being maintained to meet the demand. This is confirmed by letters we receive from users telling us of their difficulty in obtaining supplies. We naturally do our best to fill such orders by return, but it would help us and avoid delay and disappointment to your customers if larger stocks were held. Please be good enough to check your supplies of 'Nervone' and if necessary send your wholesaler a supplementary order.

RETAIL	WHOLESALE
3/3, 5/6, 22/- inc. Tax.	28/5, 48/-, 192/- per doz.

'NERVONE', Cecil House, Holborn Viaduct, LONDON

Keen buyers bu

KAY'S BRAND LINSEED COMPOUND

and Kay's Compound Pastilles in 50/- b
Mixed parcels are very profitable

2 dozen 1/7 Kay's Linseed Compound	10/3 dozen
	£1 .
½ dozen 3/9 Kay's Linseed Compound	25/- doze
6 dozen 1/11 Kay's Compound Pastilles	12/- dozen
	3 . 1
	4 . 1
Add Purchase Tax	1 . 1
	6 . 1
Selling Price	9 .

From your wholesaler or direct from

KAY BROTHERS LTD., REDDISH, STOCKPO

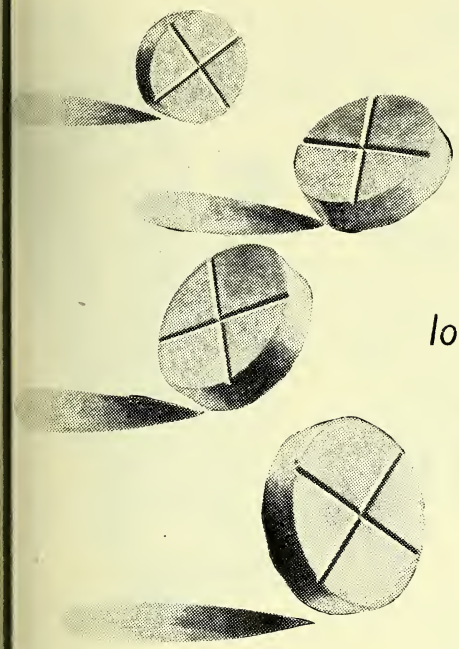
FOR HOME & EXPORT

PARA AMINO SALICYLIC ACID
& SODIUM SALT
POTASSIUM PERMANGANATE BP
SULPHADIAZINE TABLETS
BROMIDES

M. W. HARDY & CO. LT

6 BILLITER STREET, LONDON, E

TELEPHONE: ROYAL 8343 (10 LINES) TELEGRAMS: HARDIC



looking forward to

CHILBLAIN TIME?

Two or three months will probably pass before the chilblain season is at its height. But *active* anticipation of the wintry weather can make the future a great deal brighter for those of your customers who are inveterate chilblain sufferers. Started now, a daily routine of four Ostocalcium Tablets will make an essential contribution towards the healthy capillary circulation so vital in avoiding chilblains. The Ostocalcium formula takes full account of the need for vitamin D in calcium therapy, each tablet containing 500 units of the vitamin with 125 milligrams of calcium. When replenishing your stocks, order Ostocalcium in Glaxo Standard Parcels. That way you get 33 1/3% discount — and the parcels are delivered direct from Greenford, carriage paid.

GLAXO

OSTOCALCIUM TABLETS

Bottles of 50, 2/3d. Tins of 100, 4/-.

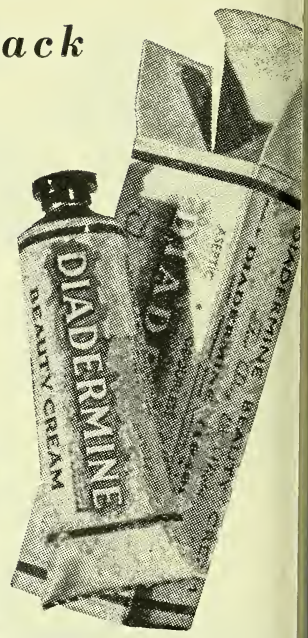
Parcel No. 1 2 doz. x 50 tablets **£1. 16. 0** net

Parcel No. 2 1 doz. x 100 tablets **£1. 12. 0** net

GLAXO LABORATORIES LTD., GREENFORD, MIDDLESEX. BYRon 3434

DIADERMINE *is back*

The all-purpose cream is again obtainable in its original pre-war quality. A cleansing beauty cream, combining valuable medicinal factors, DIADERMINE fulfils a long-felt need for family skin care. DIADERMINE is odourless, greaseless, aseptic and *water-soluble*. National advertising is already beginning . . . order your stock of DIADERMINE to-day. *Retail prices:* Tubes: 10d., 1/3d., 2/6d., Jars: 5/2d., 6/8d., 7/6d. All prices include Purchase Tax. *Order through your usual wholesaler.*



DIADERMINE

crème medicale de beauté

DIADERMINE
Regd. Trade Mark

Note new address :
DIADERMINE (1949) LTD., 66/67 Newman St., London, W.1
LONDON · PARIS · BRUSSELS · MILAN

Ferryman

From A to Z

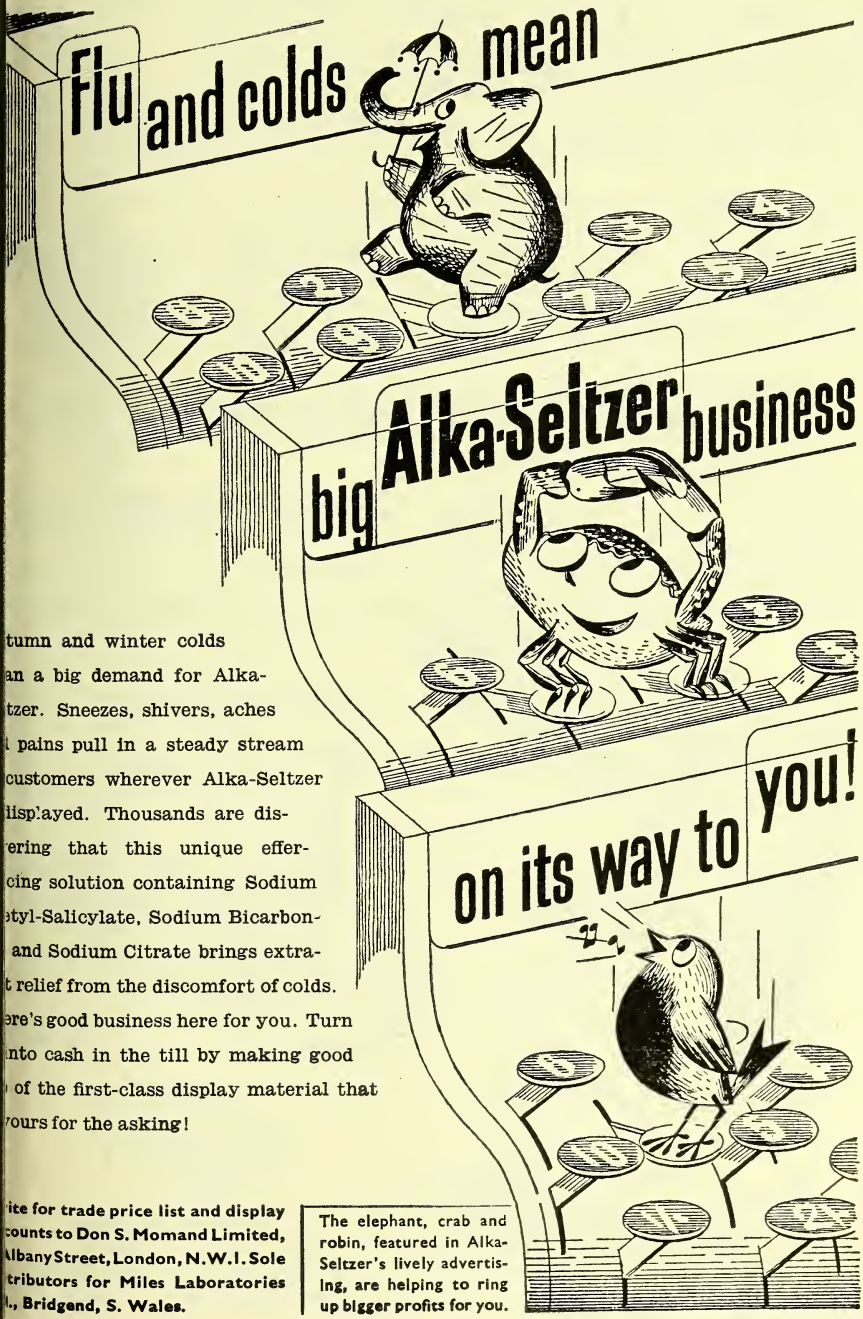
All things Pharmaceutical

Manufacturers, Distributors and Exporters
Drugs, Chemicals, Proprietaries, Ethicals and Druggists Sundri

Cables and Telegrams
Ferryman Southampton
Code "Bentleys"

HERBERT FERRYMAN LTD.
Cobden Bridge, Southampton
England

Telephones
75641 (5 lines)



tumn and winter colds an a big demand for Alka-tzer. Sneezes, shivers, aches l pains pull in a steady stream customers wherever Alka-Seltzer lisp.ayed. Thousands are dis-ering that this unique effer-cing solution containing Sodium etyl-Salicylate, Sodium Bicarbon- and Sodium Citrate brings extra-t relief from the discomfort of colds. ere's good business here for you. Turn nto cash in the till by making good of the first-class display material that ours for the asking!

ite for trade price list and display counts to Don S. Momand Limited, Albany Street, London, N.W.1. Sole tributors for Miles Laboratories l., Bridgend, S. Wales.

The elephant, crab and robin, featured in Alka-Seltzer's lively advertising, are helping to ring up bigger profits for you.

PENICILLIN PREPARATIONS

Official and Non Official
Manufactured under T.S.A. Licence No. 174

OINTMENTS SOLVELLÆ
CREAMS CREAM BASE
LOZENGES SPRAYS
OCULENTUM ORAL TABLETS
AURAL BOUGIES & VETERINARY
INTRA-MAMMARY SUSPENSION

AIDS TO DISPENSING
Liquor Pro Guttis in Sterilised
Containers with or without Droppers

AMPOULES OF PYROGEN FREE
WATER AND NORMAL SALINE

Penicillin with Sterilised Sulphathiazole, etc. Aqueous and Oily Injections. Full particulars on request. Also manufacturers of Surgical Ligatures and Sutures under T.S.A. Licence No. 40

CUXSON, GERRAR
& CO., LTD.
OLDBURY, BIRMINGH

IMMEDIATE POSTAL SERVICE

TWO LEADERS—
GIBSON QUALITY
The Chemists' Standard!

AND
GIBSON'S
CHOCOLATE WORM CAKES

We try to supply part, at least, of our friends' requirements of MEDICATED LOZENGES, PASTILLES & COMPRESSED TABLETS

ROBERT GIBSON & SONS LTD.
MANCHESTER & LONDON

EXTEND YOUR TRADE
USE A TRADE MAR
CONSULT
TRADE MARK PROTECTION SOCIET
TRADE MARK CONSULTANTS
12 CHURCH STREET LIVERPOO
Tele.: Ro al 3172-3173

PUNCH & DIE SERVI
All types of Punches and Dies refaced and reconditioned, including Multiple and Special Shapes. Single Sets by return.
W. J. NEVE, Whitecliff, Sutherland Aven
Biggin Hill, Kent. Telephone: Biggin Hill

Stock and Se

SUN LAMPS
Perihel
BRITISH MADE

Infra-Red and Ultra-Violet
Ray Therapy Appliances.
PERIHEL LIMITED
17 EDGE STREET · LONDON · W.8 *Phone PARk*

New Improved Esquire — and return of Aqua-Velva!

Scott and Bowne Ltd. are pleased to announce that the new, improved Esquire, and distinguished Aqua-Velva are now freely available, to serve young and old shavers everywhere.

Supplies of these famous J. B. Williams products can be obtained direct or through your usual wholesaler. Make certain you are stocked to meet the demand.

Compelling advertising spreads the good news

Full-scale advertising in the National Press will tell men everywhere that Esquire and Aqua-Velva are back at their chemists. Don't disappoint these eager customers!

Sell what shavers want

ESQUIRE Brushless Shave
AQUA-VELVA After-Shave Lotion

Sole Distributors: **SCOTT & BOWNE LTD.** Winchester House, Old Broad St., London, E.C.2

THERAPEUTIC PRODUCTS

Why Dentists Use Vince

VINCE powder is a palatable, oxygen-liberating antiseptic containing sodium perborate. A teaspoonful of VINCE in half a glass of warm water provides a 2 per cent. alkaline solution suitable for dental, oral or nasal hygiene. VINCE is used and recommended by both dentist and doctor alike because:–

1 It is efficacious in the oxygen treatment of Vincent's anaerobic gingivitis ("trench mouth"), Vincent's angina (acute necrotic stomatitis), pyorrhœa alveolaris, halitosis, and is an efficient post-operative antiseptic and bactericide. Most oral pathogens are Vince-sensitive;

2 It is alkaline in reaction and non-irritating to the tissues;

3 It cleans and deodorises infected cavities; it is reliably recommended for daily oral hygiene and for its healing influence on damaged tissues.

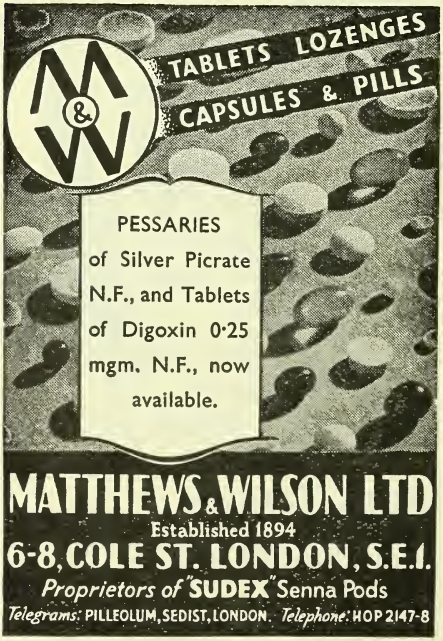
VINCE is now in unrestricted supply.

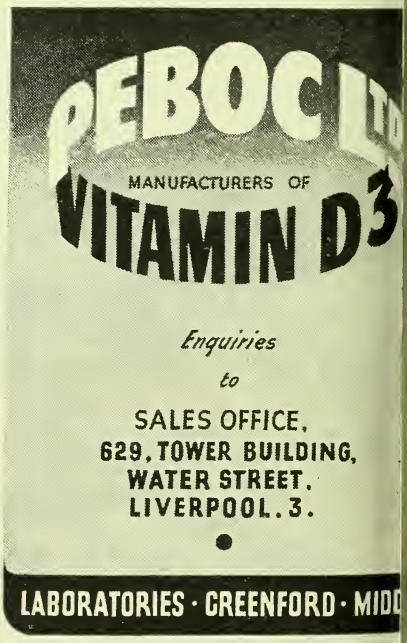
Literature and samples supplied on request.

AGAROL—ALKA-ZANE—ANUSOL—GELUSIL—VEGANIN—VERACOLATE—VINC

Sole Distributors for Vince Laboratories, Ltd.

William R WARNER and Co. Ltd. WARNER POWER ROAD, LONDON, W.





BUTLER & CRISPE

L. H. CRISPE ESTAB. 1777 R. P. GOWER

SURGICAL DRESSINGS · CHEMISTS' SUNDRIES · TOILET GOODS

PRESCRIPTIVE PHARMACEUTICALS

FOR THE

NATIONAL HEALTH SERVICE

ARE

PROMPTLY DESPATCHED

BY

MOTOR · RAIL · POST

SEND YOUR ORDERS OR ENQUIRIES TO:—

80/84 CLERKENWELL ROAD · LONDON · E.C.1

TELEPHONE: CLERKENWELL 3060 (15 lines) GRAMS: 'ALLUWANT' SMITH, LONDON

DISPRIN

REG.

NEUTRAL SOLUBLE ASPIRIN

Non-acid, non-irritant and palatable

D.C.L. VITAMIN B_1 YEAST TABLETS

Each ounce contains a natural Vitamin B potency equivalent to that of 25 mgm. Aneurin Hydrochloride, 1·4 mgm. of Riboflavin, and 8·0 mgm. Nicotinic Acid.
Each Tablet contains 100 I.U. (approx.) Vitamin B_1.
100 TABLETS 3s. 9d.
50 TABLETS 2s. 3d.
THE DISTILLERS CO., LTD. EDINBURGH.

FRANCO-BRITISH GLASS CO. LTD.

For Ampoules & Vials.

15/17 KING STREET, ST. JAMES'S, LONDON, S.W.1
Telephone - - ABBEY 4151

MILLAMALT

Manufacturers: JEFFREYS, MILLER & CO. LTD (A6500 I.U., D400 I.U. PER FL. OZ.)
and Mills, Wigan. *London Dept.* 19 Brookside Rd. N

Malt Extract with added Natural Vitamins

STANDARD SACCHARIN TABLETS

ENQUIRIES INVITED

THE DALES ASPIRIN & TABLETING CO.

STEETON, Nr. KEIGHLEY Phone: STEETON 3222

A Seasonal Reminder—

★ Increasing medical propaganda.

★ Increasing medical publicity during the Winter Season will bring increasing demands for—

AKROTHERM

OINTMENT—*Non-greasy*

A rational and effective local treatment for

Chilblains

Attractive counter display outers of 1 doz. tubes are now available

Tubes (22 gm.) retail 2/6 including tax. ½ lb. jars for dispensing retail 10/-.

Medical literature on request.

FOR A LIMITED PERIOD— 13 TO THE DOZEN

PRIORY LABORATORIES LIMITED

PYRAMID WORKS, WEST DRAYTON, MIDDLESEX, ENGLAND

Velouty de DIXOR

RETAIL PRICES 11½d & 19½d (*inc. tax*)

The **ORIGINAL** combined **POWDER CREAM**

From your usual wholesaler or direct

DIXOR LTD. St. Leonards Works, Mortlake, S.W.14

FERRIS & COMPANY, LTD

BRISTOL

MANUFACTURING AND WHOLESALE CHEMISTS

The House in the West for all Chemists Supplies.

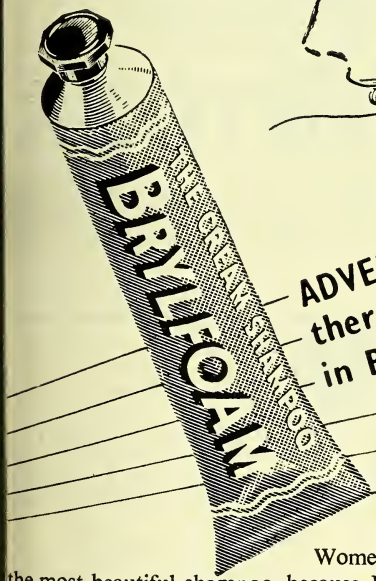
Send us your orders for prompt and careful attention.

Regular Road Deliveries.

Telephone: BRISTOL 21381

Telegrams: FERRIS, BRISTOL

You can trade on that



ADVERTISING TELLS . .
there's more foam
in Brylfoam

THERE'S MORE SPARKLE
THERE'S MORE VALUE
THERE'S MORE OBEDIENCE

Women know they can rely on Brylfoam to give them the most beautiful shampoo, because Brylfoam's generous, creamy lather beautifies as it cleanses. After a Brylfoam cream shampoo, *every* type of hair takes on a new radiance. And week in, week out, bigger-than-ever advertising is keeping Brylfoam in the public eye, focussing attention on the famous slogan: "There's more foam in Brylfoam". So keep up your stocks — you'll find there's more profit, too.

BRYLFOAM

the original and best-selling cream shampoo

COUNTY PERFUMERY CO. LTD., HONEYPOT LANE, STANMORE, MIDDLESEX

A favourite for forty years

For nearly half a century Royal Court Tintona has earned an enviable reputation for efficiency, safety and ease of application. For you too they can earn both profit and confidence. Order small lots from your wholesale house, or minimum three dozen bonus display parcels, with show material, direct from the manufacturers.

ROYAL COURT TINTONA

FOR THE HAIR — IN SEVEN SHADE

The Oatine Company (Opera Omnia Ltd. Proprieto
44 Kennington Lane, London, S.E. 11

CVS—3

SPECIAL for XMAS

YOUR XMAS STOCK MUST INCLUDE -

Marcel Franck

PERFUME SPRAYS

IMPORTED FROM FRANCE

A PRESENT FULLY GUARANTEED

MODELS RETAIL FROM 31/3 EACH WITH A 50% PROFIT TO YOU

ILLUSTRATED PRICE LIST AVAILABLE ON REQUEST FROM:

MARCEL FRANCK & CO. (London) LTD.
417/419 BATTERSEA PARK RD., LONDON, S.W.11.
TELEPHONE: BATtersea 6505/6

PARIS LONDON NEW YORK

When

CALCIUM SUCCINATE (

and ASPIRIN (gr. 4½

is prescribed

the physician intends

DELLIPSOIDS D.

RHEUMALGESIA

The product with which Succino-Sali
Therapy was pioneered in the spec
clinics and hospitals of Great B

Telephone : BYRon 1440/1
Telegrams : Damancy Harr

DAMANCY & CO. LTD

ESTABLISHED 1890

News from DALMAS of Leicester

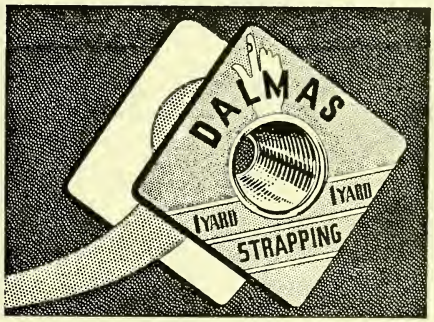
lew waterproof adhesive strapping

upplies increased
meet heavy demand

emand is already heavy for Dalmas rapping, a new plastic adhesive that has e great advantage of being absolutely *aterproof*. Because of this, supplies have en greatly increased.

Especially suitable for tiny cuts, sore aces, torn finger nails, etc., Dalmas rapping gives 100% protection against ater, dirt, grease and acid. In particular, it is eal wherever a bandage would be awkrd. Because Dalmas Strapping stretches ways, edges stick tight while allowing e movement of joints and muscles.

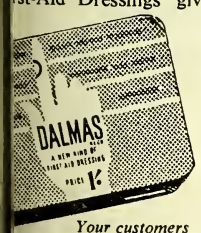
Dalmas Strapping is skin-coloured, hardly ows. Attractive sell-outs contain twelve -spools, each 1 inch by 1 yard, price 8/-; 24 spools, price 16/-. Special quantity disounts. Also in 3 yard lengths, and in 2″ and widths. PLACE YOUR ORDER NOW!



Dalmas Strapping stretches all ways, is ideal for places where a bandage would be awkward

Dalmas First-Aid Dressings

almas, a *waterproof* plastic dressing, provides totally new method of protecting cuts and nor wounds. Like Dalmas Strapping, Dalmas rst-Aid Dressings give complete protection against water, dirt, grease, acid—you can actually *wash with them on!* Edges stick tight, can't fray, can't catch in clothes. Dalmas lessens infection risk, promotes safe and easy healing.



Your customers will look for this blue and white box.

Blue-and-white counter sell-outs containing three dozen 1/- boxes, price 8/- per dozen.

DALMAS BOIL PLASTERS
A new *waterproof* protective dressing for boils. Skin-coloured, hardly shows. Handy boxes, price 10d. retail, including tax.

DALMAS HEEL DRESSINGS
A *waterproof* dressing that is specially designed for sore and blistered heels. Handy boxes, price 1/- retail.

DALMAS FINGER-TIP DRESSINGS
A new *waterproof* adhesive protection for cracked, cut or sore finger-tips. Handy boxes, price 1/- retail.

A. de St. Dalmas & Co. Ltd.

Leicester (Leicester 65261)

London Depot: 140-142 St. John St., E.C.1 (Clerkenwell 3399)

Leeds Depot: 14 Neville Street (Leeds 29764)

Scottish Agents: Robert Telford, 29 Waterloo Street, Glasgow, C.2 (Central 2716)

A Name and a Standard

"SURE SHIELD"

(Reg'd. Trade Mark)

BRAND

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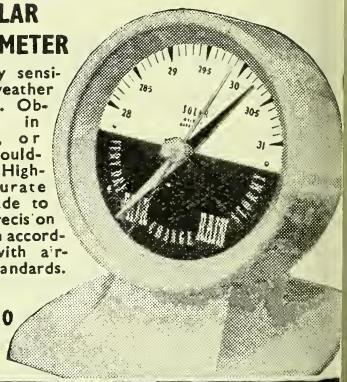

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3/9	27/- doz.
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Another Eade's product always in demand.

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1/7	11/3 doz.
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The new 'oral' form of adrenaline

Sublingual Tablets each 0.02 gm.

Bottles of 25 ... ... 3/6, exempt P.T.

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DICODID

Knoll) BRAND

Dihydrocodeinone

The modern antitussive

Tablets each $\frac{1}{13}$ grain.

Tubes of 10 ... ... 2/9, exempt P.T.
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Tablets each $\frac{1}{6}$ grain.

Tubes of 10 ... ... 3/9, exempt P.T.
Boxes of 100 ... ... 24/-, exempt P.T.

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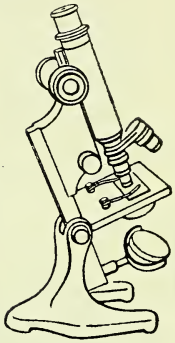

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for RETAILER—WHOLESALER—MANUFACTURER

NOVEMBER 26, 1949

Published weekly at 28 Essex Street, Strand, London, W.C.2

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gle copies 1/- each. Annual subscription, which includes The Chemist and Druggist Diary and Year Book, 30/-

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NEWS OF THE WEEK

Register of Dieticians.—The fourth ition (October 1949) of the national gister of dieticians published by the ard of Registration of Medical Auxili- es, British Medical Association House, ndon, W.C.1, is now available.

E.C.A. Grant for Chemicals.—It was nounced in Washington, D.C., on Nov- ıber 16 that the Economic Co-operation lministration had authorised a grant Britain of $54,726,000, of which ,780,000 is for the purchase of chemicals ım the U.S. and Canada.

Chemical Club.—At the annual meet- ; of the Chemical Club held in London October 31, the following officers were cted: *President,* Mr. J. Davidson-Pratt; *ıairman,* Mr. A. J. Amos; *Treasurer,* r. E. H. T. Hoblyn; *Secretary,* Mr. J. ›y Robertson.

Reductions of Sugar Allocations.—As a ısequence of the Government's decision reduce the dollar import programme for 50, some reductions in allocations of gar for certain manufacturing purposes e being put into operation from January 1, 1950. Individual traders are being advised of their new allocations.

Illuminated Signs Ruling. — The National Pharmaceutical Union, which recently raised with the Ministry of Fuel and Power the question whether chemists may use an illuminated sign "Chemist—Open" at times when the general restriction on show window lighting is in force, has received a letter stating that the Ministry raises no objection to such use.

Japan Trade Agreement.—A new trade agreement between Japan and the sterling area covering the period from July 1949 to June 1950 has been announced. The current level of purchases made by sterling-area countries from Japan will be maintained and if possible expanded. Chemicals are included in the commodities to be supplied by Japan under the agreement.

Electronic Instruments Exhibition.—A range of scientific instruments were shown at an exhibition held in London from November 2-4 and organised by the electronics group of the Scientific Instru-

ment Manufacturers' Association of Great Britain, Ltd. The exhibitors and exhibits included Baird & Tatlock (London), Ltd. (potentiometric titration apparatus, Karl Fischer apparatus for determining moisture in solids and liquids, electrolytic analysis apparatus, balances, etc.); W. Edwards & Co. (London), Ltd. (high-vacuum pumps); Hilger & Watts, Ltd. (spectrophotometers and absorptiometers); Marconi Instruments, Ltd. (*p*H meters, etc.); and Mullard Electronic Products, Ltd. (an ultrasonic generator). The exhibition was held simultaneously with a symposium on electronic instruments in research and industry.

Taxability of Vitaminised Preparations.—The Commissioners of Customs and Excise, after consultation with their technical advisers and with representative trade organisations have decided that, in future, the vitamin preparations that are not regarded as medicines and which are therefore free of purchase tax shall be restricted to vitaminised foods; vitaminised glucose; vitaminised malt extract; vitaminised oils; combinations of the above vitaminised preparations; and yeast preparations. Certain other vitamin preparations containing added drugs or medicaments, in particular preparations of vitamins combined with mineral salts, which have hitherto been exempt, are henceforth to be regarded as medicines within Group 33 of the Purchase Tax Schedule, irrespective of the amount of the added drugs or medicaments. The exemption in respect of vitamins under Head III of the Purchase Tax (No. 3) Order, 1949, is not to be construed as applying to vitamin preparations containing added mineral or other medicaments unless the medicaments themselves are specifically exempted under that head. Thus a preparation containing vitamins, strychnine and metallic glycerophosphates will be chargeable with tax under Group 33(a). Preparations potentially taxable under the terms of paragraph (3) may nevertheless still qualify for relief under the provisions of Notice No. 78M or Notice No. 78N.

Insect-proof Packaging Material.—A new cheap, easily handled insect-proof packaging material, which has been developed by the Pest Infestation Laboratory of the Department of Scientific and Industrial Research, is due for testing on a commercial scale shortly. The material is a DDT-impregnated cellulose wadding. Several layers are used together and the insect, on getting through the first, covers a labryrinth of tunnels and f along which it happily threads its instead of going straight through. In way it picks up enough DDT to kill it In numerous laboratory tests no insect penetrated the wrapping. Several o materials were tried out before cellu wadding was found suitable. The attempt was made with a material included a layer of sandpaper, the being that the boring insects would fin impossible to get through. The th proved correct, but the material was tractable and a container made like a with seperate pieces, left cracks thro which the insects could enter. It was fo that insects could bore through impre ted paper. The insect making the orig hole might pick up enough DDT to it but others could pass safely thro the hole the first one had made. O materials had equally serious drawba Another advantage of the cellulose wad is that it does not have to be sealed ro the package. So long as there is a fa large overlap, the insect dies long be it gets through, even if it goes stra between the folds of the overlap. wadding is bulky and the size of pac should be fairly large. Normally the ding would be sandwiched between layers of ordinary paper to prevent contamination of the goods by DDT, so that it could be handled easily.

LOCAL NEWS

Birkenhead Pharmacy Robbery. Thieves broke into the pharmacy of B Ltd., Grange Road, Birkenhead, on Nov ber 17.

N.H.S. on Merseyside.—The total mated expenditure on National Health vice in Merseyside (Liverpool, Bootle, kenhead and Wallasey) during the ending March 31, 1951, is £3,620,199 increase of £863,627 on the estim figure for the previous year. The fi includes an estimate of £884,863 for p maceutical services.

Leicester Proposed Health Centr Leicester Executive Council is conside setting up a health centre in the to serve the New Parks area. I recommending that the centre should h accommodation for four doctors and dentists and also, unless further sites pharmacies can be found, pharmaceu facilities. Approval by the Ministry

PRESENTATIVES' DINNER.—Representatives and executives of the European branch of Parke, is & Co. photographed at a dinner held recently at Hounslow in connection with a three-day conference of representatives.

alth has not yet been given to the eme put forward by Leicester.

Resolution on Chemists' Remuneration. At a meeting of the Isle of Ely Execu- e Council on November 16, the chair- n, Mr. John A Gardiner, M.P.S., said deplored the fact that the cheques for l settlement for prescriptions were as ch as six months behind. The Council epted a resolution deprecating the ay and expressing the hope that reme- l measures would be applied as soon possible.

Homoeopathic Supplies in Glasgow.— e Glasgow Pharmaceutical Committee e advised chemists in their area that noeopathic medicines may be obtained m Ashton & Parsons, Ltd., London, Pot- & Clarke, Ltd., London and Mother- l, or locally from Mr. J. C. Pert, P.S., 53 West Nile Street, Scottish moeopathic Supplies, Ltd., 203 Buch- n Street, or Mr. M. F. Thompson, 16 st Nile Street, Glasgow.

Scottish Department Evening Meeting. The first meeting of the session of the rmaceutical Society's Scottish Depart- nt was held in Edinburgh on November Mr. C. W. Macfarlane presiding. An dress entitled "The Chemistry of rch and Glycogen" was given by fessor E. L. Hirst, F.R.S. (Professor of anic chemistry, University of Edin- gh). Recent work, he said, had shown t most starches contain the two con- uents amylose, which was composed of g unbranched chains built up of glu- e molecules, and amylopectin, which ered from amylose in containing a hly branched system of short chains of cose residues. As a result of long in- tigations carried out, mainly in Britain, Switzerland and the U.S.A., it was possible to explain in terms of chemical structure the properties, important in industry, of pastes made from different varieties of starch.

IRISH NEWS

Dublin Dispensary Appointment.—Mr. Philip McAuliffe, M.P.S.I., has been appointed compounder of medicines to the South Earl Street Dispensary, Dublin.

Golfing Society's Annual Meeting.— At the twenty-third annual meeting of the Irish Chemists' Golfing Society held recently in Dublin, Mr. J. Smyth (captain) in the chair, the secretary (Mr. Philip Fahey) reported that the season had been a record one. Mr. J. J. Roche (treasurer) reported that the finances of the Society were sound. Mr. T. J. Lynch was elected *Captain* for the year and Mr. Phil Fahey and Mr. J. J. Roche unanimously re-elected *Secretary* and *Treasurer*, respectively. The following, with the officers, constitute the *Committee:* Messrs. C. A. Collis, P. Mc-Auliffe, P. F. McGrath, S. J. Savage, and J. Smyth. Mr. P. C. Cahill and Mr. B. R. Smith were appointed *Auditors*. It was hoped to have the coming year's three-day annual tournament at Killarney in May 1950, and The British Drug Houses Cup competition at Dundalk in June. In addition to the usual venues the committee decided to hold competitions at Carlow and Mullingar. Votes of thanks were passed to the outgoing captain, and to all firms which had donated prizes during the season, and to the pharmaceutical Press for reports of the Society's activities. On taking the chair the new captain hoped he might emulate the successful record of his predecessor.

OVERSEAS NEWS

Clarity Testing Machine.—Experiments undertaken for the American Drug Manufacturers' Association on the production of a machine for the testing of ampoules for clarity are nearing completion. The prototype machine, based on the principle of broken or deflected light-rays, automatically throws out ampoules containing solution which fails to comply with an agreed standard of clarity.

Norway Plans State Distribution.—A state monopoly to handle imports and the wholesale distribution of medicines, drugs and medical goods is among the first matters to be brought before the newly-elected Norwegian Parliament when it assembles in January. A Bill is being prepared for the establishment of a state medical depôt, the tasks of which will include control of quality and levelling-out of prices.

Canadian Multiple Sales.—Sales of retail druggist chain stores in Canada in 1948 were valued at $27.458,100, an increase of 2.2 per cent. over the preceding year. British Columbia and Ontario sales increased by 5.2 and 4.3 per cent. respectively, with the Maritime Provinces higher by 1.5 per cent. The chains transacted less business during 1948 in the Prairie Provinces and Quebec. The number of stores in operation during 1948 was 301, a decrease of six on the preceding year.

Cortisone Research.—Workers at Glidden Soya Products research division, Cleveland, Ohio, U S.A., have synthesised hormone compounds related to compound E (Cortisone), using as starting point compounds obtained from soya bean. One of the hormones is compound S, which has not existed before in quantities sufficient for testing. In addition, a new method for the partial synthesis of compound E has been elaborated, which eliminates the use of osmium tetroxide in the synthesis and prepares the way for the synthesis of other related compounds.

Australian Prescription Forms Dispute.—The Australian High Court has declared invalid Section 7a of the Pharmaceutical Benefits Act, requiring doctors to use a prescription form supplied by the Commonwealth Government when prescribing free medicine. The ground for the judgment was that it was a form of civil conscription. The Minister for Health and Social Services commenting on the ju ment, said that the free medicine sch would be continued on a voluntary b Doctors willing to prescribe on the off form could continue to do so.

Indian College Celebrations.—At annual college day celebrations of the lubhai Motilal College of Pharm Ahmedabad, India, held recently, Dr Patel (principal), welcoming the gu said the college, which had been affili to the University of Bombay for cours study leading up to the B.Pharm. de in 1947, had moved into new premis June 1949. The new building prov ample facilities for the teaching of p maceutical engineering. Dr. Jivraj M (Minister of Public Works, Governme Bombay), replying as chief guest, said India required three types of pharmac cal worker: Pharmacists or compoun pharmaceutical chemists who would able to assist in the analysis of drugs in the enforcement of law for the mai ance of the purity and quality of d and specialised pharmaceutical tech gists, who would be able to carry out research and assist in the developme the pharmaceutical industry.

Northern Rhodesia Pharmacists.—Pharmaceutical Association of Nort Rhodesia has completed the drafting constitution, which now only awaits approval by members. Owing to the distances between towns in the terri and the difficulties in travel, two bran have been formed: a Northern ar Southern. The Association is governe an executive council. Officers for the are:—*President,* Mr. H. S. Holdsw Broken Hill: *Vice-presidents,* Messrs. Rutledge, Broken Hill, and T. L Ndola; *Secretary,* Mr. W. E. Foote, Box 207, Lusaka; *Treasurer,* Mr. F Francis, Ndola; *Committee,* Messrs. McPhee, Lusaka, and J. A. Ban Luanshya. NORTHERN BRANCH: *Chair* Mr. T. Little, Ndola; *Secretary,* Mr. Francis, P.O. Box 6, Ndola; *Comm* Messrs. Adamson, Kitwe; W. T Mufulira; A. McD. Edmonds, Luan SOUTHERN BRANCH: *Chairman,* Mr. W Rutledge, Broken Hill; *Secretary,* W. E. Foote, P.O. Box 207, Lusaka; *mittee,* Messrs. E. McPhee, Lusaka; R King, Lusaka; T. McEwan, Broken

TOPICAL REFLECTIONS

·itish Pharmaceutical Codex

Mr. T. C. Denston's lecture on the new ·itish Pharmaceutical Codex (pp. 696-) confirms the opinion expressed in the view in the *C. & D.* of October 22 and). Satisfaction at the appointment of Mr. ·enston as deputy-secretary to the British ıarmacopœia Commission is tempered by gret at the loss of his valuable services as itor of the Codex. It is no easy matter take up midway an editorial task of at scope and to bring it to a consistent ɔse: I am glad to see that a fitting tri-ıte to his work was paid at the Pharma-utical Society's evening meeting on ɔvember 10. The Codex of 1934 was a eful book of reference; its successor is en better, as a comparison of details ows. The redrafting of monographs so as obtain a uniform style must have been formidable undertaking. Changes, reflect-g advances in science, are numerous. A nple example is the specification, in ms of Lovibond units, of the colour of rnt sugar solutions. The convenience of ch a standard is obvious: one only shes it had been easily available sooner. ıe lecturer's remarks on the occasional clusion of substances mainly used in the ·atment of animals will no doubt be ted, especially by readers who have a le for goods of this type. Dicophane as a nonym for DDT strikes me as an ingen-ıs (and harmless) neologism. Finally, I ould like to thank Mr. Denston for using e phrase "orthodox medicine." Some ars ago I was taken to task for writing I am glad to find myself in good mpany.

isdom From a Brains Trust

In effect, if not in name, the four mem-rs of the Pharmaceutical Society's ɔuncil who attended the October meeting the Society's Harrow Branch (p. 703) nstituted a brains trust. We who read ɔorts of such meetings must not be too acting, nor must we demand perfectly rased impromptus in reply to unexpec-l questions. Some of the statements made this meeting were reassuring—for ·tance, Mrs. Irvine's remark that a new gulation promised by the Minister of ·alth would give "status and recogni-n" to employee-pharmacists. Some of e other statements were less satisfactory. hile agreeing with Mr. Maplethorpe that ablishment of standards of training and recognition for unqualified persons by the Pharmaceutical Society is undesirable, I may repeat my suggestion that the Council should come to an understanding with the Society of Apothecaries of London as to the position of apothecaries' assistants in pharmacies. "All the speakers," we read, "agreed that the present shortage of qualified man-power was a fictitious one"; I take leave to regard this as an academic view not borne out by the facts. Again, the same speakers held that "the present method of balanced factual reports of Council meetings" is the right one, and that reporting personal views expressed at those meetings "would not be in the best interests of pharmacy." If we transfer this oracular concept to a British Parliament, it seems to follow that the reports given in our daily newspapers are not in the best interests of the British constitution. The expression "balanced factual reports" suggests a process of correction resembling that undergone, according to tradition, by the debating speeches of Edmund Burke. Mr. F. C. Wilson's idea that in territorial representation a contested seat would probably be won by the member living in the largest town in each area may be correct; but if that happened, would anyone be a penny the worse?

Trade Use of Statistics

The address of the president of the Royal Statistical Society reported on p. 684 is a welcome survey of an important subject. Business statistics, Sir Geoffrey Heyworth said, should be simple; available only to those who can take useful action on them; and of value as a check on, not a substitute for, a business man's judgment. "Drawers full of figures and walls full of charts in a manager's office are a certain sign of something wrong," he added. This kind of forthright declaration clears the air, and coming from such a source is the more impressive. The statistical approach to any kind of problem needs to be invoked on the right basis and at the right stage. Occasionally, on examining a statistical monograph, I have found that its basis was not only new—there is no harm in that—but was also in conflict with accepted practice. If half the commercial world or section of that world is working on certain postulates and the other half on incompatible postulates, the result must be confusion till the opposing systems are reconciled—if they can be. ***Xrayser***

NEW COMPANIES

A. G. Mack, Ltd. (P.C.).—Capital £1,000. To carry on the business of wholesale and retail chemists and druggists, etc. Arthur G. Mack, M.P.S., and Rosa B. Mack, R.O.: 165 High Street, London, S.E.20.

Baldwins of Reigate, Ltd. (P.C.).—Capital £500. To carry on the business of chemists, druggists, etc. Hilda M. Maddison, Ph.C., and Laura E. Pond, Ph.C., 150 Golders Green Road, London, N.W.11, directors.

Hypodermic Needles Co., Ltd. (P.C.).—Capital £100. To carry on the business of manufacturers of and dealers in surgical and dental instruments, etc. Otto See, director. R.O.: 155 Holland Road, London, W.14.

Lockett & Howard (Chemists), Ltd. (P.C.).—Capital £6,500. To carry on the business of manufacturing chemists, etc. Frank Lockett and William J. Howard, directors. R.O.: 32 High Street, Bridgnorth, Salop.

Cow & Gate Pharmaceuticals, Ltd. (P.C.).—Capital £20,000. To carry on the business of manufacturing chemists, etc. First directors are not named. Solicitors: Reynolds, Gorst & Porter, 7 Arundel Street, London, W.C.2.

Company News

F. W. Berk & Co., Ltd.—An interim dividend is recommended of 17½ per cent.

The Universal Brush Co., Ltd.—Mr. L. C. Lewis, F.C.C.S., has been appointed a director.

Brown, Bibby & Gregory, Ltd.—Messrs. G. A. Boswell, H. S. Jennins, K. K. Davies and R. Ambler have been appointed directors.

Voluntary Liquidation. — Williams Chemists (St. Helens), Ltd., 70 Kirkland Street, St. Helens, Lancs, chemists. A meeting of creditors was held recently when a statement of affairs showed liabilities amounting to £1,584 against assets of £340, leaving a deficiency of £1,244. The company was registered in February 1949. A resolution was passed confirming the voluntary liquidation of the company with Mr. Ronald P. Booth, C.A., Association of Manufacturing Chemists, Ltd., 5 Rumford Place, Chapel Street, Liverpool, as liquidator.

LEGAL REPORTS

Pharmacy Act Fines.—At Birmingha on November 16, Le Brasseur Surgi Manufacturing Co., Ltd., 90 Worces Street, Birmingham, were summoned the Pharmaceutical Society on charges using the title "Chemists" contrary to t Pharmacy and Poisons Act, 1933; selli a derivative of para-aminobenzene-sulph amide (in sulphathiazole elastic-st dressing) not being authorised sellers poisons; and selling the product with labelling it with the name and address the seller. Fines of £5 on the first cha and of £1 on each of the others w imposed.

Conditionally Discharged.—A twen year-old shop assistant, Veronica Burt was at Grantham, recently, conditiona discharged by the magistrates when appeared on two charges of embezzl 6s. 6d. and 8s. 6d. from her employ Timothy Whites & Taylors, Ltd. On half of the company, the district mana said defendant had been employed at Grantham branch for six years, and gross weekly wage was £2 10s. A solici who appeared for the defendant s there was no supervision of the staff, cept by "a mechanical instrument," a the company employed girls knowing p fectly well that they would be faced w temptation. Following a retirement chairman announced that they had cided to discharge defendant on condit that she was of good behaviour for twe months.

BUSINESS CHANGES

Monsanto Chemicals, Ltd., are to continue operations at their tar distillat plant at Sunderland when the lease of property expires on December 31, 19

Scarborough Industrial Co-operative Society, Ltd., have opened a ph macy department at Unity House, W borough, Scarborough.

Ortho Pharmaceutical, Ltd., La End, High Wycombe, Bucks, announce appointment of Mr. G. C. Shevel as m ager of their Ireland Division. Mr. Shev address is St. Paul's, Shankill, co. Dub

Central Scotland Pharmacies, L have acquired the business formerly ow by Mr. A. Fraser McIntosh at 35 H Street, Crieff, Perths. Mr. McInt has joined the company as managing ector.

PERSONALITIES

Mr. Cyril H. Wilkins, M.P.S. (manag-g director of The British Drug Houses Canada), Ltd.), has been elected president the Canadian Foundation for the Ad-ncement of Pharmacy.

Mr. Walter Simpson, D.O. (Oxon), .P.S., has accepted an invitation of the esident, *Association Suisse des Maîtres pticiens,* to give a course of lectures on nglish methods of refraction at Berne, vitzerland, early in 1950.

Mr. R. E. Savage, M.P.S., the newly ected chairman of the Leicester Branch of the National Pharmaceutical Union, is proprietor of the pharmacy (formerly owned by Mr. F. T. Wilby) at which he was apprenticed. After qualifying from the Leicester School of Pharmacy in 1934, he gained experience in Leicester and Nottingham, returning to Mr. Wilby as manager 1936. He purchased the business on r. Wilby's retirement in 1946. During e war Mr. Savage served for a short me with the Royal Army Medical Corps. e is a member of the committee of the cal branch of the Pharmaceutical Society.

Mr. S. Hall, M.P.S., the new chairman the Cornwall Pharmaceutical Committee, has been manager of the Bodmin branch of Boots, Ltd., since 1934. Apprenticed with Mr. A. T. Opie, Penzance, he later spent two years in London as an improver. He returned to Mr. Opie for a short while, and then took a post as assistant with Mr. A. J. Roberts, Ph.C., Truro. hen this business was sold to Boots, Ltd., joined the company, later being transrred to Wealdstone. After qualifying in 1931, he was appointed to the day-and-night-service branch of Boots, Ltd., at Plymouth, served some time as relief manager and was then appointed to his present post. He has served on the Cornwall Pharmaceutical Committee since 1946.

Dr. John Shiel, who has been re-elected governor of the Apothecaries' Hall of Dublin and appointed examiner in jurisprudence, has the distinction of being qualified at once in pharmacy, medicine and the law. His early education was at the Farnworth Grammar School, Lancs, St. Bede's College, Manchester, and Dominican College, Kildare, Ireland. In 1919 he qualified with honours in Ireland as a Pharmaceutical Chemist, sharing first place in the country. Five years later he had qualified as a physician and surgeon, with honours in biology, first place in materia medica, therapeutics, toxicology and clinical medicine, and with the College prizes in anatomy and surgery. He took up the study of law in Dublin University and King's Inns, and took honours in constitutional, feudal and English law. He was called to the bar in 1932. Since 1924 he has been lecturer in materia medica at Dublin College of Science and Technology and professor of materia medica at Apothecaries Hall, of which he is a governor. He is consulting pharmacologist at the Children's Hospital, Dublin, and pharmacologist at St. Vincent's hospital. Dr. Shiel is a Commissioner of the Peace and visiting justice to Mountjoy prison. He took an L.M. Diploma in Gynæcology and Obstetrics in 1933. His publications include "The Ramifications of Therapeutics" (1935), "Crime and the Doctor" (1939), "Prison Conditions" (1949), and "Bureaucratic Medicine" (1949). In 1925 he wrote a historical publication "Early Invasions of Ireland." Dr. Shiel has a collection of over seventy oil paintings, Chinese ceramic pottery, and Waterford glass.

THE LATE MR. ARCH. WILSON

THE death is announced with deep regret of Mr. Archibald Wilson, M.P.S., 13 Hove Park Villas, Hove, 4 who passed away, at Hove General Hospital on November 19, aged fifty-eight. As joint secretary of the local Branch since 1946, Mr. Wilson was widely known among the pharmacists of Sussex. He will be much missed, also, among those who attend pharmaceutical conferences from time to time in London and elsewhere. A native of Montrose, Mr. Wilson qualified in 1914 and settled in Brighton about twenty years ago. He opened a new business at 5 Hove Park Villas, afterwards moving to larger premises at No. 13. During the war years 1939-45 he was secretary of the Brighton and Hove Asociation of Pharmacy, he and Mr. Brumwell keeping that organisation alive and alert despite the difficult conditions. During the "phoney" war period the Association prepared a detailed scheme whereby labour, stock and transport were to be provided should there be bomb damage to any pharmacy. It was not long before changed conditions on the Continent made Brighton a front line town and that War Assistance Scheme came to be sadly needed. Several members of the Association were, in fact, severely bombed. Mr. Wilson's scheme was just what was needed, and he himself was there to help. For Brighton's war-time water-purification scheme, staffed entirely by pharmacists who were taught to estimate how much chlorine was needed in cases of contamination, Mr. Wilson did the secretarial work. It was only natural that Mr. Wilson, a Scotsman and Highlander, should find in Brighton's Aberdonian—Mr. H. B. Mackie—a congenial companion. On the committees of both Association and Branch Mr. Mackie was able to enthuse Mr. Wilson with the need for progress in pharmaceutical education and training. The two, with Mr. Donald Hudson (now a Councillor and member of the N.P.U. Executive), formed a trio that has greatly influenced Brighton pharmacy during the past decade. In 1946, when Mr. Lewis Watson moved away from Brighton, Mr. Wilson became deputy-secretary, and afterwards becoming joint secretary of the Branch, and when the British Pharmaceutical Conference met in Brighton in 1948 he was organising secretary in full charge. All who attended that very successful Conference testify to the efficiency and smoothness of the arrangements, and the urbanity with which the secretary was able to deal wi queries. A memorial service was held St. Catherine's Presbyterian Church, Ho on November 23. The funeral took pla at Lunan by Montrose, Angus, on Nove ber 25. Mr. Edgar Jones writes: "T example he has left will not be forgott by those who knew him intimately." T chairman, Brighton Branch of the Pharm ceutical Society (Mr. J. Stuart Padwic writes: "As present chairman of t Branch, I should like to pay my perso tribute to Mr. Wilson. Of Arch. Wilson can very truly be said that to know h was to both love and admire him. He ga of himself unsparingly for others and ne asked for or expected any thanks. I comparatively early passing will be mourn not only by the members of this Bran but also by a large number of others w came to know him in his capacity as lo secretary to the British Pharmaceuti Conference, Brighton, 1948. Our loss v be shared by many outside pharmacy, here too, in Rotary and other good wor he gave of himself with the same enthusia and just as unselfishly. We shall m Arch. Wilson very sorely indeed, but are grateful for having known him. Rat than that we should mourn him, it wo be characteristic of him to wish for memory to spur us on to further ende our. In meeting that wish we shall b honour the memory of a splendid man a true and valued friend.

WILLS

MR. F. FEARNLEY, M.P.S., 2 Ea Road, Ilkley, Yorks, formerly of Rhydding, Ilkley, and Otley, left £5,2 (£5,146 net).

MR. T. CARTER, Brookfield Man Hathersage, Derbys, formerly manag director of Carter & Sons, Ltd., Sheffie left £114,382 (£93,285 net).

MR. G. MALCOLM, 100 Berrylands, S biton, Surrey, a founder director of B ton, Malcolm & Co., Ltd., left £15,7 (£15,677 net).

MR. A. S. HUGGINS, 26 Wood Str Norwich, a director and secretary of Sm & Sons (Norwich), Ltd., left £5,8 (£5,829 net).

MAJOR J. H. B. WIGGINTON, M.P Polincove, Thelwall, Cheshire, a direc of Joseph Crosfield & Sons, Ltd., a Erasmic Co., Ltd., left £3,725 (£3,4 net).

DEATHS

ADAMSON.—At 2 Baronscourt Road, dinburgh, suddenly on November 15, Mr. ames Johnston Adamson, M.P.S., formerly 18 St. Mary's Street, Edinburgh. Mr. damson qualified in 1913.

ALCOCK.—At 49 Braemore Road, Hove, n November 9, Mrs. Rose Anne Alcock, ife of Mr. John Elsworth Alcock, Ph.C. ormerly in business in Sheffield and Ac- n), aged eighty-six.

BEATON.—At 26 Barterholm Road, Pais- y, on November 20, Mr. William Cherry eaton, M.P.S., 117 George Street, Paisley, usband of Mrs. Agnes Stewart Beaton, I.P S. Mr. Beaton qualified in 1920.

BLOUNT.—On November 10, Mr. George Vright Blount, M.P.S., 31 Brighton Grove, ewcastle-on-Tyne, aged seventy-six.

BURBIDGE.—On November 3, Mr. Archi- ld Joseph Burbidge, M.P.S., 38 High treet, Hounslow, aged fifty-nine.

FROUDE.—At his home in Dulwich, Lon- on, S.E.21, on November 2, Mr. Herbert roude, for many years a member of the aff of the Pharmaceutical Society of reat Britain, aged seventy-one. In the urse of fifty-three years' association (he as presented with a gold medal and reso- ition of appreciation on completing fifty ears with the Society), Mr. Froude be- ame its head clerk and office manager. t the funeral on November 7 the Society as represented by the secretaries (Messrs. . N. Linstead and F. W. Adams).

GROSS.—At 100 Gladstone Park Gar- ens, Cricklewood, London, N.W.2, sud- enly, on November 10, Mr. George ranklin Cooper Gross, M.P.S., aged venty-three. Mr. Gross was for many ears employed by Squire & Co. (Birming- am), Ltd. In 1933 he acquired the busi- ess at 231 Cricklewood Broadway, in hich he is now succeeded by his son, Mr. eorge Percy Gross, M.P.S.

HARTY.—In a Dublin nursing home re- ntly, Mr. Martin James Harty, M.P.S.I., enagh, co. Tipperary. Mr. Harty served is apprenticeship in Tuam, co. Galway, nd had only recently opened a business in enagh. He was registered in 1940.

KELLY. — At the funeral at Golders reen Cemetery, London, N.W.8, on ovember 19, of the late Mr. W. B. Kelly ee *C. & D.*, November 19, p. 689), direc- rs of W. J. Bush & Co., Ltd., were pre- nt with former colleagues and friends nd members of the family. Mr. Kelly joined Messrs. Bush on October 18, 1886, when the company's head offices were at Artillery Lane, off Bishopsgate, London, and was initially associated with the internal administration of the home and country department, as it was then styled. Subsequently, and still at an exceptionally young age, he took up his duties as an outside representative and continued in these activities throughout his remarkable career. "In his passing," writes a friend, "Mr. Kelly leaves behind a tradition of loyalty that will continue to live in the affectionate memory of all his countless friends and associates throughout the Bush organisation and the many trades which he served so ably." A tribute written by one of his colleagues includes the following lines:—

> You prayed just to keep safe and sound
> To do with love your daily round;
> "Bush" was your life, not just your living,
> You gave your best and kept on giving.

Mr. Kelly is survived by his widow, a son and a daughter.

KNIGHT.—Recently, Mr. Harry Herbert Knight, M.P.S., Brough, Penrith, aged seventy-seven. A native of Staffordshire, Mr. Knight qualified in 1896 and emigrated to South Africa. He landed there at about the time of the outbreak of the Boer war, and served in the Imperial Horse. Taken prisoner by the Boers, he made his escape simultaneously with Mr. Winston Churchill, at that time in South Africa as a journalist. Returning to this country, Mr. Knight commenced business at Great Crosby, Liverpool, in 1905, and transferred to Brough in 1924.

MARSHALL. — Suddenly, on November 19, Mr. Edward B. Marshall, Abercorn Road, Londonderry, a principal of the firm of R. Smyth & Co., wholesale druggists, Foyle Street, Londonderry. Mr. Marshall was a prominent member of the business community in the city and vice-chairman of the Derry Commercial Travellers' Association. He is survived by his widow, a son and two daughters.

PICKERING.—At Carlisle Infirmary, on November 4, after a brief illness, Mr. John Watson Pickering, M.P.S., aged forty-seven. Mr. Pickering resided at Allonby, and had been in business at 91 Crosby Street, Maryport, for twenty-three years. He had been in poor health for the past eighteen months but was previously active in local social affairs. He is survived by his widow, a daughter and two sons.

TRADE NOTES

Labelling Change.—On another page, Howards & Sons, Ltd., Ilford, draw attention to a change in the labelling of their chemicals.

Out of Stock.—H. Bronnley & Co., Ltd., Devonshire Works, Duke's Avenue, London, W.4, state that the demand for their No. 30 gift coffret has been so great that the item is now out of stock.

Display Outer.—With every 1-doz. lot of Besorbon medicinal snuff the manufacturers, Kemsales, Ltd., 20 Eastcheap, London, E.C.3, are issuing a display outer illustrated on another page of this issue.

Unit Display Set.—Addis, Ltd., Hertford, illustrate and describe on another page a new Wisdom unit-display outfit, which enables a series of changes to be made in the display of tooth-brushes issued by the company.

First-aid Cream.—Propamidine cream, "a first-aid antiseptic application containing one of the aromatic diamidines," is issued by May & Baker, Ltd., Dagenham, in cartoned 1-oz. collapsible tubes in display outers of one-doz. tubes.

Dextro-amphetamine Sulphate. — Damancy & Co., Ltd., 41 High Street, Harrow-on-the-Hill, Middlesex, announce that they can meet all demands for Dellipsoids D24 dextro-amphetamine sulphate, 5-mgm., and D25 dextro-amphetamine co.

Modernised Pack.—The pack for Koko hair tonic has been brought up to date by the manufacturers, Dendron Distributors, Ltd., 3 Fleet Lane, London, E.C.4 (the last previous revision was in 1907). The product is now issued in blue-cartoned bottles of two sizes.

Dispensing Sundries.—Macdonald & Son, Ltd., Hope Mills, Pollard Street, Manchester, 4, have prepared a two-colour card (size approximately 12¼ in. x 9¾ in.) to hang in the dispensary and giving on one side the prices of dispensing sundries issued by the company, and on the other prices of surgical dressings.

Aspirin for Children. — Angiers' junior aspirin, introduced by the Angier Chemical Co., Ltd. 86 Clerkenwell Road, London, E.C.1, presents in a cartoned bottle of fifty tablets, a 1½-gr. flavoured and sweetened aspirin tablet with label giving the number of tablets to be taken according to the age of the child.

Prices Amended.—Rimmel (Distrib tors), Ltd., 30 Bollo Bridge Road, Londc W.3, inform chemists that the price their Night-and-day lip pencil refill h been reduced since their advertiseme now appearing in the national Press we drawn up. Supplies are being invoiced the amended prices.

Foot-bath Concentrate.—The Crool Laboratories, Ltd., have introduced Pec form foot-bath concentrate, which is c scribed as an effective prophylactic for u as a foot-bath in the treatment of all kin of foot discomfort, the principal consti ents being pelargonic acid, formalin and detergent. Pedaform is issued in bott of 4 oz., 16 oz. and 80 oz.

Permanent-wave Cape.—H. A. Bra bury & Co., Ltd., 193 Aldersgate Stre London, E.C.1, have put on the marl a specially designed and patented all-pu pose cape, the Homeperm, for u in shampooing, permanent-waving, mal up, etc. The cape has protective pock to catch all liquids and avoid staini the clothing. It is in transparent acid-pro material which is easily sponged.

Prices of Corks.—The Cork Tra Association, 1 Alie Street, London, E has unanimously agreed that an increa of 25 per cent. in the prices of corks unavoidable. (Devaluation and the fa that Spanish and Portuguese manufa turers were about to increase their pri are the principal reasons; the rate of c change fixed by Spain for wine does n apply to corks.)

Press Advertising. — Silvikrin Labo tories, Ltd. (sole selling agents, Pricha & Constance (Mfg.), Ld., North Circu Road, London, N.W.10), have produced "crowner" for the twin packs (light a dark shades) of Kemt Magic Mist, f which advertisements totalling 75 millic have been booked to appear in natior daily, Sunday and weekly newspapers the few shopping weeks remaining befc Christmas.

Price Alterations.—Owing to a rise the cost of raw materials following t devaluation of the pound sterling, Crool Laboratories, Ltd., Park Royal, Londc N.W.10, announce increased retail pric for Crookes iodine oil and Crookes iodi oil with methyl salicylate. The new pric take effect on Monday, November 28. Increased prices come into operation i

ediately for the ergometrine acid maleate blets issued by May & Baker, Ltd., Dagham, Essex.

Changes of Product and Pack.—C. J. ewlett & Son, Ltd., 35 Charlotte Road, ondon, E.C.2, announce that, from Dember 1, their T.O.C. therapy will con-st of T.O.C. emulsion (containing magsium trisilicate, dr. 1, and arachis oil, . 1, per fl. oz., suitably flavoured), and .O.C. tablets (containing vitamin C, 12.5 gm.; phenobarbitone, gr. ¼; dry extract belladonna, gr. ¼, sugar-coated). The tamin C is thus included in the tablets nd not the emulsion, and it has accordgly been possible to reduce the price of e emulsion. There is no change in the ices of the tablets. From December 1 e 2-fl.-oz. size of Betagen brand liniment ill be a retail pack, subject to tax.

Three-part Inhaler. — Universal Metal roducts, Ltd., Langley Road, Pendleton, alford, Lancs, are issuing a three-part coniner of thermosetting plastic material for nphetamine, etc., inhalers. The inner tube the container screws firmly down on to e base on which the vehicle rests and on which a tubular cover also screws down, aking the whole pack air-tight until reired for use. The container is odourless nd does not react with the chemicals enerally used in inhalers. It is available almost any colour or shade, and its overl size is 2⅜ in. x 13/16 in.

Manufacturers Assist B.B.C.—Allen & anburys, Ltd., and Burroughs Wellcome Co. supplied demonstrators, material, pparatus, etc., for programmes entitled Healing Chemicals" and "Insulin" roadcast recently in the "Matters of Life nd Death" series of the television service the British Broadcasting Corporation. In e programme "Insulin" Dr. R. D. Lawnce, himself a diabetic, referred to the riginal discoveries of Banting and Best. film made by Professor Charles Best illstrating features of the original investigaon was followed by a description of the rocess of manufacture of insulin by Mr. Fox (Wellcome Chemical Works). The lm was produced by the film unit of the Vellcome Foundation, Ltd., and will be en by many pharmacists and doctors in s entirety in the near future.

New Antihistamine Products.—Abott Laboratories (England), Ltd., Vadsworth Road, Perivale, Middlesex, nnounce the introduction of Di-Paralene, a brand of 1 *p*-chlorobenzhydryl-4-methyl piperazine hydrochloride, a new long-acting antihistaminic claimed to possess few of the side-effects usually associated with this type of product.—Burroughs Wellcome & Co. (The Wellcome Foundation, Ltd.), 183 Euston Road, London, N.W.1, have made available for clinical investigation a new antihistamine compound, Histantin, a piperazine derivative with the claimed advantages of prolonged action and almost complete freedom from side-effects. — Thephorin (9-phenyl-2-methyl-1:2:3:4-tetrahydro-2-azoflorene hydrogen tartrate) which was exhibited by Roche Products, Ltd., Broadwater Road, Welwyn Garden City, Herts, at the London Medical Exhibition, recently, is available as 25-mgm. tablets in packings of fifty, 250 and 1,000; and ointment in 1-oz. tubes.

N.P.U. Dressings Prices.—The National Pharmaceutical Union notifies the following alterations in the prices of wools, lints, etc., operative from November 14 (H=higher; L=lower):—

	1 oz.	2 oz.	4 oz.	8 oz.	1 lb.
Wools	s. d.	s. d.	s. d.	s. d.	s. d.
H Cotton, packets B.P.C.	5½	10½	1 7½	3 0½	5 10
H Cotton, Hospital	—	—	—	—	3 11½
H Boric, B.P.C.	6½	11	1 9½	3 3½	6 5
Lints					
H Plain, B.P.C.	8	1 5	2 8½	5 0½	9 11
H Picric, B.P.C.	1 1	—	—	—	—

H Boric, B.P.C., size 1, 5d.; 2, 9d.; 4, 1s. 4½d.; 8, 2s. 8½d.; 16, 5s. 3d.; 1-lb., 10s. 2d.
L Cellulose tissue, B.P.C., 3s. 3d. per lb.
L Cellulose wadding, B.P.C., 1s. 6½d. per lb.
H Gauze tissue, best, 7s. 3d. per lb.; 7½d. per oz.; 2 oz., 1s. 1½d.; 4 oz., 1s. 10d.
H Gamgee tissue, No. 1 (buff), 7s. 6d. per lb.; No. 2 (white), 6s. 6d. per lb.; No. 3 (pink), 5s. 4d. per lb.; 8 oz., 2s. 9d.

Proprietary Articles Trade Association

Additions to Protected List (Part 1).—*Eli Lilly & Co., Ltd.*, Ergotrate brand ergometrine maleate tablets, No. 1572, 25's, 80s. doz., 10s.; 100's, 316s., 39s. 6d.; 500's, 120s. each, 180s.; 1,000's, 236s. 8d. each, 355s. (all exempt); ampoules, No. 302, 6's, 92s. doz., 11s. 6d.; 100's, 90s., 135s. (exempt).

BRANCH ACTIVITIES

South Shields Association.—At a meeting of the South Shields Pharmacists' Association held on November 15, Mr. G. W. Graham (a past-president and member of Executive, National Pharmaceutical Union) gave an interesting talk on "The First 250 Million." (The figure represents the number of National Health Service prescriptions dispensed by chemists since the start of the Service.) The speaker was introduced by Mr. M. S Pearson (Association chairman), and after refreshments, dealt ably with the many questions put to him. A vote of thanks, proposed by Mr. C. I. Coulthard, was heartily approved by all present.

Talk on Crime Detection.—Over 100 people attended a meeting of the Thames Valley Pharmacists' Association at Kingston on November 18 to hear Dr. G. E. Turfitt, B.Sc., Ph.D., F.R.I.C. (deputy-director, Metropolitan Police laboratories, New Scotland Yard) give an address entitled "The Scientific Investigation of Crime." Dr. Turfitt traced the development of forensic science, described different kinds of dusts, hairs and their value in associating a suspect with the scene of the crime, and dealt with the isolation and identification of drugs and poisons from body tissues. The lecture was illustrated with lantern slides. Mr. D. Hocking proposed a vote of thanks.

Chesterfield Annual Meetings.—At the annual meeting recently of the Chesterfield Branch, Pharmaceutical Society, Mr. S. Greenwood gave a talk on the Blackpool Conference and screened a colour film of some of the personalities and events. A collection for the Society's Benevolent Fund realised £4 12s. The following officers were elected:—*Chairman,* Mr. S. E. Greenwood; *Vice-chairman,* Mr. F. C. Crofts; *Treasurer,* Mr. H. Keetley; *Secretary,* Mr. A. Livesley, 35 Market Place, Chesterfield. At the annual meeting of the National Pharmaceutical Union Branch the following officers were elected:—*President,* Mr. A. Livesley; *Secretary,* Mr. R. E. Wardell, 209 Chatsworth Road, Chesterfield. Two delegates reported on the N.P.U. conference, and after discussion members expressed their confidence in the Central National Health Service (Chemist Contractors) Committee in the negotiations that lie ahead.

Nottingham Dinner.—The annual dinner of the Nottingham branch of the Pharmaceutical Society was held on November 11. Miss G. M. Watson (lecturer in pha macy, Nottingham University and cha man of the branch) occupied the cha Mrs. G. E. Trease said it was hoped hold many of the gatherings in conn tion with the 1952 Pharmaceutical Co ference in the University grounds a buildings. Speaking of the part wom now played in the profession, Mrs. Trea said that the pharmaceutical department the Nottingham General Hospital had be staffed for many years by women. T Lord Mayor of Nottingham said the pha macist's job was a difficult one, and t qualifications for it were becoming mo exacting. Miss Watson asked for supp for the appeal the branch was making f the University Endowment Fund. M G. E. Sparshott (vice-chairman) alludi to the fact that the charter of the Socie was about to be amended, said that, in l opinion, it would be a mistake if t Society encroached upon the field at pr sent covered by the National Pharmace tical Union, which, he thought, had do a good job on the business side.

Leeds Address on Health Service.—Mr. L. Richmond, O.B.E. (chairman, W Riding Executive Council) addressed t Leeds Branch of the Pharmaceutic Society on the "General Practitioner S vice" on November 11, Mr. C. R. Duf presiding. He dealt with the broad pri ciples and structure of the National Heal Service. In the area of the West Ridi Executive Council 98 per cent. of t population were on the lists of 1,2 doctors and were served by 406 pha macies. Of £4,317,114 spent on t health services from July 1948 to Septe ber 1949, £1,059,225 was in respect pharmaceutical services. Administrati costs were less than 3 per cent. He f that the abuses of the scheme had be exaggerated by too much Press publicit The testing scheme, whilst dealing ad quately with default, would emphasise t integrity of the great mass of pharmacis Ill-formed criticism had been levell against what was thought to be the hi remuneration received by those whose se vices were essential to the scheme. Du ing the discussion Mr. T. Schofield su gested that a contributory pensions schem for retail pharmacists might be inco porated in the Service. Mr. C. S. Cha linor proposed and Mr. H. Judge seconde a vote of thanks to the speaker.

EXECUTIVE COUNCILS ASSOCIATION

r the second annual meeting of the xecutive Councils' Association (England) ld in Bournemouth recently, the follow- g resolutions were carried :—

'That this Conference do most strongly urge Ministry of Health to allow the full rota of e hour (7s.) to operate in 'single' and 'two- emist' areas, under the Hours of Service heme, Regulation 26 National Health Service eneral Medical and Pharmaceutical Services) gulations, 1948." (Northants).

'That owing to the unsatisfactory nature of the esent pads of National Health Service prescrip- ns (Forms E.C.10), the Executive Councils Asso- tion (England) urges the Ministry of Health to titute stiff-backed pads of prescriptions of better ality and design." (Lincoln).

'That, having regard to the intense dissatis- tion prevalent amongst contractors, following the cision of the Minister of Health to continue the tem whereby payment is based on pricing a portion of the prescriptions dispensed, the Ex- tive Councils' Association do press the Minister Health to take immediate steps to institute cing of prescriptions in full, as soon as it may possible." (Lincs, Lindsey).

Dr. N. E. Waterfield, O.B.E., was in- lled *President* by the retiring president, d Mr. A. N. Wright *Vice-president.*

PHARMACISTS' PROBLEMS

NDER the title "Problems Facing the armacist Today," Mr. G. H. Armitage dressed a meeting of the Southgate and ood Green Division, North London armaceutical Association recently. The emists' dilemma over the half-day holi- y, he said, was still unsolved. The Minis- y of Health had stated one thing and the ome Office another. A two-hour delibera- n between representatives of the two epartments, the National Pharmaceutical nion, Company Chemists' Association and rtain unions had resulted in a complete adlock. He put forward for discussion e following suggestions within which ght be found a possible solution :—A e-day week for chemists' shops; different lf-day closings in an area; collective tion in each district whereby the con- actor would operate a dispensing service the official half-closing day; and per- ission to "bank-up" time served and ake it up later.

On the testing of National Health Ser- ce prescriptions Mr. Armitage said that 753 tests had been taken up to June 30 which ninety-six had been referred to armaceutical Services Committees. He offered the following maxims to chemists to minimise discrepancies in dispensing :— Treat each prescription as a test; remember the ratio of tolerance is only 5 per cent.; use fresh ingredients; and give stock mix- tures a time expiry limit. The chemist should advise the local Pharmaceutical Committee secretary if he received a notice to appear before his Pharmaceutical Ser- vices Committee.

ROYAL INSTITUTE OF CHEMISTRY

At a meeting of the London and South- eastern Counties Section of the Royal In- stitute of Chemistry held in London re- cently, Professor C. Tyler gave a lecture on the biochemistry of egg-shell formation. He showed how egg-shell formation was concerned directly with calcium metabo- lism. On days when an egg was laid, the birds retained about 1 gm. of calcium from her food and mobilised about 1 gm. from the bones in order to provide the 2 gm. necessary for the shell. The blood calcium and phosphorus levels in a laying bird were higher than in a non-laying bird and, in addition, a readily mobilisable store of calcium was found impregnating the bone marrow of the long bones. The increased retention of calcium, the high blood cal- cium and the special bone picture of the laying bird were all closely related to the supply of sex hormones circulating in the blood. He said that the shell of an egg consisted of calcium carbonate with a small amount of magnesium chloride and phos- phate, in a matrix of protein, and was bounded on its inner surface by a mem- brane of keratin. There was an inner layer of large irregular granules of cal- cite, surmounted by a layer of smaller, tightly packed crystals pierced by pores, which enabled gaseous exchange to take place between the egg and its environment.

Other Elements Present

In subsequent discussion, Dr. Herd was informed that there was about 0.5 per cent. magnesium in the shell, and that a trace of manganese helped to give good shells, whilst fluorine had a deleterious effect. Dr. A. M. Maiden was informed that phytic acid reduced the absorption and retention of calcium, though as the absolute quan- tity was large, the effect was negligible, and Mr. W. C. Smith was told that so- dium chloride solutions had a toxic effect on the egg-layer.

THE WEEK IN PARLIAMENT

By a Member of the Press Gallery, House of Commons

Mr. B. Janner asked the Minister of Health on November 17 if he would arrange that, where drugs or medicines such as insulin or liver extract had to be taken over a long period, such prescriptions should be issued free of charge. Mr. Marlowe asked if the Minister would take the necessary action to ensure that insulin, needles, syringes and other drugs and implements required in diabetic cases were exempted from the shilling prescription charge. Mr. Aneurin Bevan replied that he could not yet add to previous replies.

Mr. F. W. Skinnard asked what percentage of prescription forms dealt with by pricing bureaux carried a single prescription, and what percentage more than two. Mr. Bevan replied that precise data were not available. Evidence before him suggested that the average percentages were about 60 per cent. and a little under 10 per cent. respectively. The average cost of National Health Service prescriptions in England and Wales was at present about 3s. Of that amount one shilling and one-third of a penny represented the average dispensing fee, and a penny farthing the average cost of container. Asked whether he contemplated making changes in any of those items of expenditure, he replied "No. I have not anything in mind at the moment."

Profits Reduced

Mr. P. Piratin asked whether, before the Minister introduced his regulation concerning the payment for prescriptions, he would give consideration to reducing the average price of prescriptions, even if it meant lowering the profits of certain firms. Mr. Bevan replied that all those matters had been looked into, and the profits of the firms had already been reduced.

Mr. W. Gallacher asked the Minister what consultations had taken place between him and the representatives of the drug and pharmaceutical industry to see how prices could be lowered. Mr. Bevan replied that the prices to be paid for drugs supplied on National Health Service prescriptions were agreed between his Department and the Central National Health Service (Chemist Contractors) Committee and were reviewed monthly. Significant reductions had been obtained in certain fields. Mr. Gallacher asked whether the Minister would, in view of the great rate of profit made on some of those medicin consider publishing a statement giving detail the cost of various popular medicin and the profits being made out of the Mr. Bevan replied that he would not ha the necessary information.

Containers for N.H.S. Medicines

Mr. E. H. Keeling asked the Minist of Health on November 17 whether he h further considered the extravagance of t present system whereby chemists made refund on the return of empty bottles, he had any scheme to announce for avoi ing it, and whether he was aware th owing to lack of inducement to retu empty bottles, millions of them we thrown into the dustbin after being us once?

Mr. Aneurin Bevan: I had to choo between getting an economy of ve nearly £1 million a year from the chemi by a reduction in the amount paid to the for containers, or the other way, which am advised by them would not be sat factory. However, I hope to make appeal to the public to return empty bo tles and to the chemists to receive them.

Mr. F. W. Skinnard asked on Novemb 17 what proportion of medicines prescrib under the National Health Service we dispensed by doctors, and how payme for the drugs was made in such cases. M Bevan replied that the estimated propo tion supplied by doctors under Part I of the Act was one-tenth.

Lords Debate on Shilling Levy

Moving the amending clause to t National Health Service Act (to authori the Government to make a charge patients for dispensed medicines) (see *C. D.*, November 19, p. 690) for the Gover ment, Lord Shepherd said in the Hou of Lords that the charge would not exce one shilling, and that old-age pensione would be relieved of the charge; and t Minister of Pensions had explained th war pensioners would continue to recei free treatment for their pensioned disabil ties. No further particulars could be give at that stage. The object of the propos behind the amendment was to act as a d terrent to excessive or unnecessary reso to doctors and chemists and to reduce e penditure. "Eventually it may be possib to tackle these problems on other lines.

he Central and Scottish Health Services ouncils had set up a joint committee to dvise whether it was desirable and prac- cable to restrict or discourage the pre- ribing by doctors in the National Health rvice of medicines of doubtful value or nethical character, and of unnecessarily pensive brands of standard drugs. The int committee consisted of members sug- sted by the Standing Medical and Phar- aceutical Advisory Committees of Eng- nd and Wales, the Scottish Medical, harmaceutical and General Practitioner rvices Advisory Committees, the three oyal Colleges, the Scottish Royal Medical orporations, the British Medical Associa- on, the British Pharmacopœia Commission d the Society of Apothecaries. It was o early to say yet what might be found ssible on those lines, but it was con- ivable that general acceptance of a list drugs of recognised value, with the rollary that a doctor would be expected justify the prescribing of any not so re- gnised or of unnecessarily expensive ands of recognised drugs, would in the ng run be the better way of handling the oblem. The clause, he said, was so afted as to enable the Minister to vary nditions governing those practices. It ould apply to Scotland.

Lord Llewellyn asked what "unethi- l" medicine was. He did not know nether the one shilling per prescription iginally adopted by the Government ould work in practice. "I am told that per cent. of prescriptions made under e National Health Service are not ndled by the pricing bureaux, and that we are to have a charge of one shilling r every prescription, it will require a uch larger staff in the pricing bureaux an at present, unless the intention is to ake an average adjustment, as apparently as been done so far under the Health cts." Was the price to be per prescrip- on form or per item on the form, he ked. He was told that a number of pre- riptions given by doctors included more an one item. People who regularly had take a drug such as insulin should not ave to obtain a fresh prescription each me and thereby have to pay for each sue of a drug they must have.

Lord Shepherd, replying, said there ould have to be consultations about the gulations. Not only would the question f prescribing be reviewed by the Commit- ee, but he understood there would be con- ultation with the professional organisations about the details of the scheme for the recovery of charges. Many of the points that were giving rise to disquiet in certain quarters would undoubtedly be considered by the Minister before the regulations were drafted. On the question that 70 per cent. of prescriptions were not handled by the pricing bureaux, he said that an attempt was being made to secure a system which, under a fairly inexpensive administration, would give the results the Government required. The point about the repetition of prescriptions for a given complaint would receive consideration.

American Technical Books

Sir Patrick Hannon asked the Lord President of the Council on November 15 if the arrangements made under the Marshall Technical Assistance Plan for the provision of technological books and publications for the Department of Scientific and Industrial Research was now operative, and to what extent he was giving publicity to this contribution to British technique and research. Mr. Herbert Morrison replied that the supply of technical publications under the Economic Co-operation Administration Technical Assistance Programme had recently been authorised, and that the first batch was now being obtained. Publicity for the arrangement in the United States and in the United Kingdom had been given through the Economic Co-operation Administration Mission.

Government Help to Exporters

Mr. John Haire asked the President of the Board of Trade whether, in order to help small British exporters, he would consider setting up Government-sponsored sales organisations in the United States and Canada. Mr. Arthur Bottomley (Secretary for Overseas Trade) replied that Mr. Wilson was not satisfied that the suggestion was desirable or practicable, having regard to the structure of Britain's foreign trade. As Mr. Wilson had stated on many occasions, the Government was ready to give all the assistance it properly could to firms, large or small, exporting to the North American markets. If any small exporters or groups of exporters themselves desired to set up a joint selling organisation in either or both of those markets, the Government was ready to consider whether there was any assistance it could usefully give, bearing in mind the facilities available from the Export Credits Guarantee Department.

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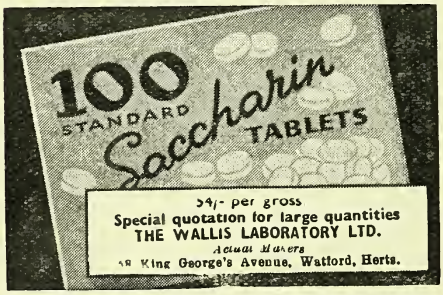

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VOL. CLII NOVEMBER 26, 1949 No. 3640

The Chemist and the Shilling

FURTHER proof that the problem arising out of the proposed shilling levy on National Health Service prescriptions in its relation to the pharmaceutical service continues in the forefront of pharmacists' minds was provided at a meeting of protest (see p. 737) held by the East Metropolitan Branches of the Pharmaceutical Society and National Pharmaceutical Union, addressed by the assistant secretary of the N.P.U. (Mr. R. H. Kemp). For chemists to be required to collect the levy would, it was claimed, affect their position in many ways; for example it would, as Mr. Kemp pointed out, almost certainly alter the basis of the previous negotiations in terms and necessitate fresh discussions.

Before framing and passing resolutions relating to the proposed shilling levy it is necessary for chemists to have clearly in their minds the grounds on which they base their opposition to the proposal. As pharmacists, their objections to the levy include, it seems, the damage that would result to the pharmacist-customer relationship, which so far has thrived under the service, and has, in fact, been the cornerstone on which a satisfactory pharmaceutical service has been established. They are also concerned about the amount of time that would be taken in collecting the levy; their confidence in the stability of their contract has been shaken and, over all, they cannot accept the view that the proposed measure will, to any appreciable extent, prevent the worst abuses of the service.

It is now more than a month since the Government announced its proposal to break away from the policy of "free medicines for all" and to introduce a charge for each prescription. At the time of going to press we were informed by the Press Office of the Ministry of Health that there was no information available on the subject. It will, of course, be some time before the clauses in the N.H.S. Amending Bill become law. In the meantime, discussions between the Ministry of Health and the National Pharmaceutical Union will be necessary to work out agreed terms for the new conditions, but, so far, it seems, the Department is not yet in a position to meet the pharmacists' representatives.

Exports after Devaluation

EXPORTS for the month of October showed an encouraging increase when compared with the shipments of recent months. The value of all classes of merchandise shipped in the tenth month of the year was £156 millions, the highest aggregate since March and some £14 millions more than in September. The daily rate of exports in October was ten per cent. higher than in September. It is not possible to estimate to what extent the improvement shown in the October returns is due to the recent devaluation of sterling, but exports, revalued at 1938 values (so as to eliminate the effect of price changes), were 158 per cent. of pre-war volume, compared with 142 per cent. in the third quarter of the current year and 144 per cent. in September. The provisional figure for the value of exports to the United States (£5.6 millions, compared with £4.1 millions in September) was £1.8 millions above the average for the third quarter, and the highest since January. Exports to Canada amounted to £6.4 millions, compared with £5.3 millions in September and an average of £6.2 millions for the third quarter.

Exports of chemicals, drugs, dyes, etc., reached a total of £7,640,808, the highest since May, and compared with £7,170,726 in October 1948. Drugs, medicines and medicinal preparations shipped during the month under review were valued at £1,608,853 against £1,359,848 in the corresponding period of 1948. Proprietary

medicines accounted for £380,503 (October 1948, £499,793). Aspirin exports totalled 156,201 lb., valued at £41,366 (81,537 lb., valued at £27,868). Insulin was valued at £35,796 (£41,523), and penicillin at £268,974 (£127,050). Ointments and liniments brought in £67,200 (£59,152). Exports of quinine and its salts totalled £21,259 (£41,137). Disinfectants, insecticides, weed killers, sheep and cattle dressings were valued at £373,748 (£298,494). Re-exports of crude drugs totalled £15,233 (£7,688) and of manufactured medicines, £7,794 (£18,593).

Shipments of perfumery and toilet preparations (excluding perfumed spirits, essential oils and soap) were valued at £326,366 against £205,702 in October 1948. Tooth and denture preparations, etc., amounted to £80,100 (£28,924), while cosmetics exports had a value of £111,525 (£79,754). Exports of perfumed spirits totalled £69,107 (£69,762) and of essential oils, £27,872 (£33,319). Toilet soap shipments were valued at £178,679 (£114,906). Re-exports of essential oils totalled £13,749 (£9,849).

Ferrous Sulphate: Another Warning

FURTHER deaths from the accidental administration of ferrous sulphate to children have again brought into prominence the risks attendant upon leaving iron tablets within reach of children. Commenting on the position editorially, the "Lancet" refers to "a grim indication of contemporary fashion in iron therapy." All the recent fatal cases have been in children under the age of four, who have mistaken proprietary ferrous sulphate tablets for sweets. The tablets taken were, indeed, all of the same type, containing ferrous sulphate, gr. 3, with small amounts of the sulphates of copper and manganese, though the two last-named constituents have been shown to have no toxicological importance. It appears that, while adults can tolerate considerable overdoses of ferrous sulphate, fatal poisoning may occur in children after taking little more than a normal daily adult requirement. The "Lancet" adds a warning to medical practitioners to bear in mind the danger t children whenever they prescribe iron, an to weigh the convenience of employing s popular a preparation of iron against it possible dangers in a home where there i a young family.

A PHARMACIST'S ANTHOLOGY

SOMETIMES . . . bone-laziness was looke upon as an infirmity but, like cancer, wa considered to be quite beyond medica cure. It was then called "Laakin fever (with derivation from the Danish at leg to play). Anxious relatives with the appea of despair would ask me if nothing coul be done for the unfortunate sufferers. On hard-working farmer had a son who wa a thoroughly bad lot, a typical "bowdy kite" who fair tremmled ageen at the men tion of the word work. One day he re marked that though he believed I was "varra clever feller," yet he was read to bet me a sovereign that I could no cure his son of his disorder. To his sur prise I struck the bet with a forcible smac of the hand and the unsatisfactory so was sent for. He . . . seemed much amuse when he heard the nature of the bet, an at once offered to undergo any treatmen ordered. I explained the *modus operand* —that two blisters would be applied t that part of his anatomy provided for si ting down, and that at night he must tak one of my celebrated "early risers," a pi which would take him out of bed at o'clock in the morning. I also told hi he would be required to come down t my surgery for a course of faradic stimula tion. He took exception to the blisters bu came down for the electric treatment. placed the two rheophores under his oxte (armpits) and gave him a good ten minut at high pressure, during which h "flackered, dithered, dothered and shoo awl ower" (all over). This very drast treatment he stood like a man thoug "sweeat" rolled down his face. He too also in my presence one of my pills. was a lightning cure. He sent a messag next day to say that he had had mo than "eneagh" of that "rivin devilment and was going to work. . . . From that da he turned over a new leaf . . . My won derful cure was much "cracked" and di cussed.

—*From "My Moorland Patients," b R. W. S. Bishop.*

POISONS LAW, 1935-49

17. B.P.C., 1949, Statutory Names

(*Continued from* THE CHEMIST AND DRUGGIST, *November* 19, *p.* 702)

ab. ferr. phosph. c. quinin. et strych., *m*.30. (S.1.) (5)
STRYCHNINE HYDROCHLORIDE, 1/120 gr. in each.)
Ex. S.1. if tablet including coating weighs over 3½ gr.)

ab. hexobarbitoni. (S.1.) (5)
(†Tab. hexobarb.; †Tablets of hexobarbitone.)
State amount of HEXOBARBITONE in each.)
B.P.C. dose, 0.25 to 0.5 gm., 4 to 8 gr.)
(Tab. hexobarbitoni, N.F. are gr. 4.)

ab. hyoscinæ hydrobromidi. (S.1.) (5)
(†Tab. hyoscin. hydrobrom.; †Tablets of hyoscine hydrobromide.)
State amount of HYOSCINE HYDROBROMIDE in each.)
B.P.C. dose, 0.3 to 0.6 mgm., 1/200 to 1/100 gr.)
DISPENSE, 1/200 gr. in each.)

abellæ Laxativæ Compositæ, N.F. (P.I.) (13)
†Vegetable Laxative Tablets.)
EXT. HYOSCY. SICC., B.P., gr. ¼ in each.)
Synonym for †Tab. colocynth. et jalap. co., B.P.C. and N.F., *q.v.*)

ab. leptandræ composita, B.P.C., 1934 (P.I.) 13)
Vegetable Laxative Tablets, B.P.C., 1934.)
EXT. HYOSCY. SICC., B.P., gr. ¼ in each.)
Replaced by †Tab. colocynth. et jalap. co., with similar formula without leptandrin and taraxacum.)

ab. methylamphetaminæ hydrochloridi. (S.1.) (5)
(Sch. 7(1).)
State amount of METHYLAMPHETAMINE HYDROCHLORIDE in each.)
B.P.C. dose, 2.5 to 10 mgm., 1/24 to 1/6 gr.)
DISPENSE, 5 mgm. in each.)

ab. methylphenobarbitoni. (S.1.) (Rx only) (2)
State amount of METHYLPHENOBARBITONE in each).
B.P.C. dose, 60 to 200 mgm., 1 to 3 gr.)
(Tab. methylphenobarbitoni, N.F. are ½, 1 and 3 gr.)

ab. papavereti. (S.1.) (D.D.) (1)
State amount of PAPAVERETUM in each.)
B.P.C. dose, 10 to 20 mgm., 1/6 to 1/3 gr.)
(Tab. papavereti, N.F. are 1/6 gr.)

ab. pethidinæ hydrochloridum. (S.1.) (D.D.) (1)
State amount of PETHIDINE HYDROCHLORIDE in each.)
B.P.C. dose, 25 to 100 mgm., 2/5 to 1½ gr.)
(Tab. pethidinæ hydrochloridi, N.F. are 25 and 50 mgm.)

ab. phosph. et hypophosph. co. (P.I.) (13)
†Triple Syrup Tablets.)
STRYCHNINE, 1/120 gr. in each.)

ab. phthalylsulphathiazoli. (S.1.) (Rx only) (2)
State amount of PHTHALYLSULPHATHIAZOLE in each.)
B.P.C. dose, 0.5 to 2 gr., 8 to 30 gr.)

ab. sodii nitritis co., B.P.C. 1934. (P.I.) (13)
ERYTHRITYL TETRANITRATE, 1/6 gr. in each.)

ab. stramonii. (S.1.) (5)
(†Tab. stramon.; †Tablets of Stramonium.)
State amount of EXT. STRAMON. SICC., B.P. in each.)
DISPENSE, gr. 1.)

ab. sulphacetamidi. (S.1.) (Rx only) (2)
State amount of SULPHACETAMIDE in each.)
B.P.C. doses: Initial, 4 gm. (60 gr.); Subsequent, 1 gm. (15 gr.) every four hours.)
(Tab. sulphacetamidi. N.F. are 0.5 gm.)

†Tab. sulphadimidinæ. (S.1.) (Rx only) (2)
(†Tab. sulphadimidin.; †Sulphadimidine Tablets.)
(State amount of SULPHADIMIDINE in each.)
(B.P.C. doses: Initial, 4 gm. (60 gr.); Subsequent, 2 gm. (30 gr.) every four hours.)
(Tab. sulphadimidinæ (Tabellæ sulphadimethylpyrimidinæ (Tabellæ sulphadimethylpyrimidinæ), N.F. are 0.5 gm.)

†Tab. sulphamerazinæ. (S.1.) (Rx only) (2)
(†Tab. sulphamerazin.; †Tablets of sulphamerazine.)
(State amount of SULPHAMERAZINE in each.)
(B.P.C. doses: Initial, 3 to 4 gm. (45 to 60 gr.); Subsequent, 1 gm. (15 gr.) every eight hours.)

†Tab. sulphapyridinæ. (S.1.) (Rx only) (2)
(†Tab. sulphapyridin.; †Tablets of sulphapyridine.)
(State amount of SULPHAPYRIDINE in each.)
(B.P.C. doses: Initial, 4 gm. (60 gr.); Subsequent, 1 gm. (15 gr.) every four hours.)

†Tab. sulphonalis. (S.1.) (Rx only) (2)
(†Tab sulphonal.; Tablets of sulphonal)
(State amount of SULPHONAL in each.)
(B.P. dose, 0.3 to 1.2 gm., 5 to 20 gr.)

" Thalazole." (S.1.) (Rx only) (2)
(PHTHALYLSULPHATHIAZOLE.)
(Tablets contain 0.5 gm. in each.)
(*v.* **" Sulfathalidine "; " Thalistatyl.")**

" Thalistatyl." (S.1.) (Rx only) (2)
(PHTHALYLSULPHATHIAZOLE.)
(Tablets contain 0.5 gm. in each.)
(*v.* **" Sulfathalidine "; " Thalazole.")**

†Thiomersalate. (S.1.) (4)
(†Thiomersalatum; †Thiomersal.)
(*v.* **" Merthiolate.")**
Thyroxine-sodium. (P.I.) (8)
(Made-up preps. label as Sch. 7(1).)

†Tinct. aconiti. (S.1.) (5)
(Standardised to 0.05% w/v of total alkaloids.)

†Tinct. aconiti fortis. (S.1.) (5)
(†Fleming's tincture of aconite.)
(Standardised to 0.2% w/v of total alkaloids.)
Tinct. antiperiodica. (P.I.) (10)
(Anhydrous MORPHINE, 0.03% w/v.)
(*v.* Warburg's Tincture.)

Tinct. ergotæ ammoniata, B.P.C., 1934. (S.1.) (6)
(ERGOT., B.P. 1 in 4.)
Tinct. ignatiæ, B.P.C., 1934. (P.I.) (10)
(IGNATIA, 1 in 10.)
(S.1. if over 0.2% strychnine.)

Tinct. opii crocata. (S.1.) (D.D.) (1)
(Sydenham's Laudanum.)
(MORPHINE, 1% w/v.)

†Tinct. opii camph. conc. (S.1.) (D.D.) (1)
(†Tinctura opii camphorata concentrata; †Concentrated Camphorated Tincture of Opium; †Liquor opii camphoratus concentratus; †Concentrated Camphorated Solution of Opium.)
(Contains 0.4% anhydrous MORPHINE.)
Tinct. veratri, B.P.C., 1934. (P.I.) (10)
(VERATRUM VIRIDE, 1 in 10.)

†Trinitrophenol. (P.I.) (8)
(†Acidum picricum; †Picric acid; †Carbazotic acid.)

†Troch. benzocainæ co. (P.I.) (13)
(BENZOCAINE, gr. 1½ in each.)
Troch. chlorodyni. B.P.C., 1934. (P.I.) (13)
(MORPHINE HYDROCHLORIDE, 1/66 gr. in each.)

†Troch. cinchocainæ hydrochloridi. (S.1.) (5)
(State amount of CINCHOCAINE HYDROCHLORIDE in each.)

(Dispense, 1 mgm. in each.)
Troch. morphinæ, B.P.C., 1934. (P.I.) (13) (Ex. S.1.)
(Morphine Hydrochloride, 1/33 gr. in each.)
†Tubocurarinæ chloridum. (S.1.) (4)
(†Tubocurar. chlorid.; *d*-Tubocurarine chloride.)
Ung. aconitinæ, B.P.C., 1934. (S.1.) (6)
(Aconitine, 2% w/w.)
Ung. adrenalinæ et amylocainæ co., B.P.C., 1934. (P.I.) (Ex. S.1.) (10)
(Amylocaine Hydrochloride, 1% w/w and Adrenaline, 0.007% w/w.)
Ung. adrenalinæ et cocainæ, B.P.C., 1934. (S.1.) (D.D.) (1)
(Cocaine Hydrochloride, 1% w/w and Adrenaline, 0.1% w/w.)
Ung. cantharidini, B.P.C., 1934. (S.1.) (6)
(Cantharidin, 0.033% w/w.)
†Ung. cinchocainæ co. (S.1.) (5)
(Identical with N.F. formula.)
Ung. cocainæ, B.P.C., 1934. (S.1.) (D.D.) (1)
(Cocaine, 4% w/w.)
Ung. conii, B.P.C., 1934. (P.I.) (10)
(Ext. Conii, B.P.C. 7% w/w.)
†Ung. hydrarg. ammon. et pic. carbon. (P.I.) (9)
(Identical with N.F. formula.)
Ung. hydrargyri ammoniata et zinci oxidi, B.P.C., 1934. (P.I.) (10)
(Ammoniated Mercury, 2.5% w/w.)
Ung. hydrargyri iodidi rubri, B.P.C., 1934. (S.1.) (6)
(Red Mercuric Iodide, 4% w/w.)
Ung. hydrargyri oxidi flavi, B.P.C., 1934. (P.I.) (10)
(Yellow Mercuric Oxide, 2% w/w.)
Ung. hydrargyri oxidi flavi humidi, B.P.C., 1934. (P.I.) (10)
(Moist Yellow Mercuric Oxide, 10% w/w.)
Ung. hydrargyri subchloridi co., B.P.C., 1934 (P.I.) (10)
(Mercuric Oxycyanide, 0.075% w/w.)
(Calomel cream; Prophylactic ointment.)
Ung. phenolis co., B.P.C., 1934. (P.II.) (10)
(Phenol, 18% w/w and Ung. Hydrarg. Nit. Fort., B.P., 36% w/w.)
Ung. picis carbonis co., B.P.C., 1934. (P.I.) (10)
(Ammoniated Mercury, 3.12% w/w.)
Ung. plumbi acetatis, B.P.C., 1934. (P.I.) (10)
(Lead Acetate, 4% w/w.)
(Ex. A. in any dilution.)
Ung. plumbi oleatis, B.P.C., 1934. (S.1.) (6)
(Diachylon, B.P.C., 50% w/w.)
(*v.* **Diachylon ointment; Hebra's ointment.)**
Ung. stramonii, B.P.C., 1934. (P.I.) (10)
(Ext. Stramon. Sicc., B.P., 10% w/w.)
Ung. veratrinæ, B.P.C., 1934. (S.1.) (6)
(Veratrine, 2% w/w.)
Vapor cresolis co., B.P.C., 1934. (P.I.) (10)
(Cresol, 0.5% v/v.)
Vapor eucalypti co., B.P.C., 1934. (P.II) (10)
(Phenol, 16.5% w/v.)
(*v.* Anti-Catarrhal Salts.)
Vapor iodi æthereus, B.P.C., 1934. (P.II.) (10)
(Phenol, 25% w/v.)
Vapor phenolis co., B.P.C., 1934. (P.II.) (10)
(Phenol Liq., B.P., 95% v/v.)
Vin. antimoniale, B.P., 1914 and B.P.C., 1934. (P.I.) (Ex. S.1.) (10)
(Potassium Antimonyl Tartrate, 0.4% w/v.)
Vin. colchici, B.P. 1914 and B.P.C., 1934. (P.I.) (10)
(Colchicum Corm, 1 in 5.)
Vin. colchici seminis, B.P.C., 1934. (P.I.) (10)
(Colchicum Seed, 1 in 10.)
†Vitrellæ amylis nitritis. (P.I.) (13)
(Amyl Nitrite, *m*.3 in each.)
†Vitrellæ chloroformi. (P.I.) (13)
(Chloroform, *m*.20 in each).

†Tab. cyclobarbitoni. (S.1.) (Rx only) (2)
(State amount of Cyclobarbitone in each.)
(B.P.C. dose, 0.2 to 0.4 gm., 3 to 6 gr.)
(Tab. cyclobarbitoni, N.F. are gr. 3.)
†Tab. digitalis co., N.F. (S.1.) (5)
(Prepared Digitalis, B.P. gr. 1 in each.)
†Tab. ergometrinæ maleatis, N.F. (S.1.) (5)
(†Tab. ergometrin. maleat.; † Tablets of ergometrine maleate; †Tablets of ergonovine maleate
(B.P.C. dose, 0.5 to 1 mgm., 1/120 to 1/60 g
(Dispense, 0.5 mgm. in each.)
†Tab. ergometrinæ tartratis. (S.1.) (5)
(†Tab. ergometrin. tart.; †Tablets of ergometrine tartrate.)
B.P.C. dose, 1 to 2 mgm., 1/60 to 1/30 g
(Dispense, 1 mgm. in each.)
†Tab. erythritylis tetranitratis. (P.I.) (13)
(†Tab. erythrityl. tetranit.; †Tablets of erythrityl tetranitrate; †Tablets of erythrol tetranitrate.)
(B.P.C. dose, 30 to 120 mgm., ½ to 2 gr.)
(Dispense, ½ gr.)
†Tab. ferri carbonatis et arseni. (S.1.) (5)
(†Tab. ferr. carb. et arsen.; †Tablets of iron carbonate and arsenic.)
(Arsenic Trioxide, 1/100 gr. in each.)
†Tab. ferri phosphatis cum quinina et strychnina *m*.60. **(S.1.) (5)**
(†Tab. ferr. phosph. c. quinin. et strych.; †Tablets of ferrous phosphate with quinine and strychnine; †Easton's Tablets; †Tabellæ Eastonii; †Tabellæ Trium Phosphatum.)
(Strychnine Hydrochloride, 1/60 gr. in each approximately equivalent to *m*.60 of Easton Syrup.)
(Dispense, *m*.60 strength unless otherwise specified.)
(Ex. S.1. if tablet including coating weighs over 7 gr.)

MEDICAL ABSTRACTS

Aureomycin in Syphilis. — Wilco ("British Medical Journal," November 1 p. 1076) records that 750-1500 mgm. Aureomycin given orally during a peric of 24 to 48 hours had a marked action c early syphilis in nine patients.

Absorption of Lead from Dressings.— Kennedy and Lynas ("Lancet," October p. 650) describe a case (the phenomenc is rare) of non-volatile compounds of lea being absorbed through the skin fro dressings applied to wounds. The effe was generalised exfoliative dermatitis, ar the cause was the application of lead dre sings (chiefly liq. plumbi subacet. fort) the whole body surface for sixteen weeks

Antihistaminic Drugs and Convulsion —A study of the effect of the antihi taminic drugs diphenhydramine (Benadry and tripelennamine (Pyribenzamine) i epileptic cases, by Churchill and Gammc ("Journal of the American Medical Asso ciation," September 3, p. 18), has show that both can induce seizures in patien with focal lesions of the cerebral corte Tripelennamine increases and diphenh dramine decreases petit mal seizures.

EAST METROPOLITAN PROTEST MEETING

Mr. R. H. Kemp (assistant secretary of the National Pharmaceutical Union) introduces a discussion on the shilling levy

EMBERS of the East Metropolitan anches of the Pharmaceutical Society d National Pharmaceutical Union de their way through dense fog on vember 18 to attend a special meeting Manor Park called in protest against proposed shilling levy on National alth Service prescriptions.

MR. L. H. MOPPETT (chairman of the anches) reviewed from the chair the ess comment on the proposed levy, and inted out that certain sections of medi- opinion had already recognised that collection of the shilling would add nificantly to the chemist's work. He then led upon MR. R. H. KEMP (assistant retary of the N.P.U.) to introduce a cussion on the levy in relation to the armaceutical service.

The clause in the National Health Ser- e (Amendment) Bill concerning charges be made for pharmaceutical services, fore the House of Lords, Mr. Kemp d, could be interpreted as meaning that Minister of Health was to have author- to issue regulations providing for pay- nt of "x" amount by patients. Fur- r regulations were to be made that uld excuse other patients from making yments, or if the payments were made, remission of the sums. The machinery the collection of the "Attlee shilling" s, therefore, to be operated by regula- ns, none of which had so far been made. was not known whether the charge was be per prescription or per form, or ether chemists would be called upon to lect it. The British Medical Association d decided against the collection of the lling by dispensing doctors in rural as. Mr. Kemp thought that it would administratively impossible for chemists decide whether any particular patient s to be excused payment. This point ght have to be fought.

Per Cent. Reduction ?

Some pharmacists had jumped to the nclusion that if they collected the "shil- g" the dispensing fee would be abol- ed. An inspection of the figures would ow, however, that the average dispensing s differed in various parts of the coun- , while the Drug Tariff provided for s varying from 4d. to 9d. No simple placement of the "shilling" for the dispensing fee was therefore practicable. Mr. Kemp was personally of the opinion that the imposition of the shilling levy would mean a reduction of about 25 per cent. in the number of prescriptions dispensed over the next, compared with the last year. It might be the Government's intention to reduce the annual number of prescriptions from the present 180 million to the originally estimated 140 million.

Financially this loss to the chemist in dispensing might be partially offset by increased counter sales. The speaker regretted the wide publicity given to the Pharmaceutical Society's statement on the proposed levy.

Discussion

The meeting was then thrown open for general discussion. MR. E. DARLEY, Barking, suggested that if the proposed measure meant that dispensing on small items were to be cut chemists would be entitled to a slightly higher fee for the other items. Mr. Kemp, replying, said that the N.P.U. had made it clear to the Ministry that if chemists were to be required to collect the shilling, the whole basis of the previous negotiation of terms would be altered. Fresh negotiations might be necessary. MR. D. C. EVANS referred to the worry that would be experienced by chemists in poor districts in collecting the shillings, and to the time wasted in a busy pharmacy. The majority of patients needed the medicine they received, but something should be done to prevent the abuse which he had seen where a customer would ask about an expensive proprietary medicine, and would later return with a prescription for it, bragging of his "success."

MR. A. BLACKLEY doubted if the country would save much, as in future mixtures would be of 20 oz. or more. What was to be done in the case of an urgent prescription "at 2 a.m. where the patient hasn't got a shilling?" Action was being taken in trade union circles in protest against the shilling.

Another speaker said that the extra work in collecting the money, which in a busy pharmacy might necessitate the employment of another assistant, should be paid for. Mr. Kemp agreed.

MR. CLIFFORD JONES said that contractors had contracted to dispense, not to col-

lect money. He would refuse to collect the money. Mr. P. L. Jones, Walthamstow, said that recently a customer had produced an N.H.S. prescription in "payment" for an expensive proprietary medicine. He understood that this practice had occurred in many districts. Mr. Kemp told Mr. Gaunt that the N.P.U. Executive was prepared to fight whenever the N.P.U (some 10,000 members) were prepared, and many members in the meeting exclaimed their willingness to resign from the panel if necessary. To Mr. Clifford Jones Mr. Kemp said that the clause in the amendment Bill could be interpreted to mean that regulations concerning collection of the levy would be made with or without the chemists' consent.

Another speaker said that it was necessary for chemists to be clear on whether their objection was financial or professional. Mr. Evans thought the objection was chiefly financial, but was also on the grounds of the consequent difficult relations with customers.

Mr. Kemp, summing up, said that the collection of the shilling by pharmacists would mean an impoverishment of the pharmaceutical service and a reduction in the professional aspect of the pharmacist's relation with the patient. To the public the levy was unfair taxation—taxation to be paid when people could least afford it. Patients now getting expensive proprietary medicines, however, would continue to obtain them by paying 1s. Surely an easier method of raising £10 million (one of the objects of the levy) could be found, even if this meant increasing subscriptions.

Mr. O. C. Wombwell (secretary, East Ham Pharmaceutical Committee) said that he was satisfied that the N.P.U. had succeeded with its negotiations in, so far, difficult conditions. He advised that the levy be attacked on moral grounds—as being unfair to the public. He proposed a resolution to be sent from the meeting (worded similarly to a resolution passed recently by East Ham pharmaceutical contractors) as follows:—

"This meeting deplores any levy on the public in connection with the National Health Service General Practitioner and Pharmaceutical Services, on the grounds that it is contrary to the principles of the Service. As one of the primary objects of the Health Service is to assist in preventing chronic illnesses by early medical attention any proposal to charge the patient will militate against the effectiveness of the Service. If the doctor gives a prescription it follows, logically, that the patient's visit was justified and necessary. On these grounds we trust that the Central N.H.S. Contractors Committee will refuse to accept any scheme requiring payment by the patient, part larly if such a scheme involves the Pharmaceut Service only."

The resolution, which was seconded Mr. Gaunt and passed unanimously, to be forwarded to the Central (N.H. Contractors Committee, the Pharmaceuti Society and other branches of the Soci in the Metropolitan area.

Mr. Wombwell proposed a vote thanks to Mr. Kemp, and the meet closed after a collection had been taken a fund for a gift to Birdsgrove House.

NEW BOOKS

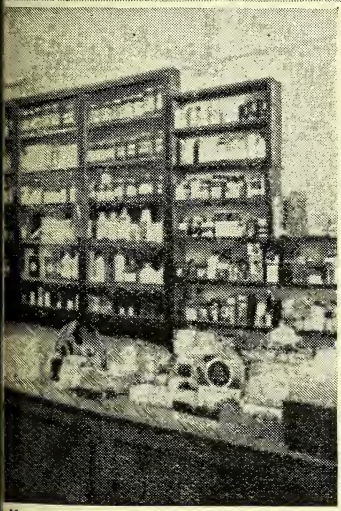
Chemical Manufacturers' Directory. Eighty-first edition. 7¾ x 5½ in. Pp. 1 5s. 6d. (6s. post free). Newnham, Cow & Gripper, Ltd., 15 City Road, Lond E.C.1. The chemicals are classified, w names of manufacturers under each he ing. Lists are given of chemical brok and agents in London and chemical ma facturers in England and Wales, Scotla and Ireland.

The Plant Alkaloids.—T. A. Hen D.Sc. 9 in. x 6 in. Pp. 804 (Fou edition). 63s. J. & A. Churchill, Lt 104 Gloucester Place, London, W.1. A vances in the knowledge of plant all loids within the past ten years have liged the author (a former director of Wellcome Chemical Research Laborator and superintendent of the laboratories the Imperial Institute) to rewrite secti of the previous edition of this stand work. The advances have been due to variety of causes, including plant surv (such as the examination for alkaloids over 300 species in Central Asia and Sov Russia, several hundreds in New Z land and over 600 by American worker wartime searches for alternative sourc work on biosynthesis; and the applicati of micro-methods and chromatography the analysis of alkaloids. The author again classified his material primarily cording to the structure of the nucleus the alkaloid molecules, with modificatio to bring out biological relationships, e He outlines the pharmacology of the m important alkaloids or groups. Full bibl graphies are given at the ends of chapte

British Seaweeds and Agar.—S. Marshall, L. Newton and A. P. Orr. 11 x 8¾ in. Pp. 184. 27s. 6d. For the Min tries of Health and Supply by H.M. S tionery Office. The book, the full ti of which is "A Study of Certain Briti Seaweeds and their Utilisation in the P

ration of Agar," records results of an in-stigation undertaken by numerous re-arch workers during the 1939-45 war o the possibility of supplying agar from e seaweeds found round the coasts of itain. At the time, a shortage of agar reatened a breakdown of the health ser-e, for in the preparation of bacterio-gical media it is an essential ingredient. ter preliminary investigations *Gigartina llata* Batt. and *Chondrus crispus* (L.) Stackh., were chosen for a more detailed investigation. These algæ were in good supply, but neither had previously been regarded as an agar-producing weed. Sections on the surveys are followed by a description of the botanical work (taxonomy, anatomy and reproduction, ecology and experimental work) on the two chosen species. The book is well illustrated with plates (some in natural colours) and maps. There is an extensive bibliography.

A PHARMACY TRANSFORMED



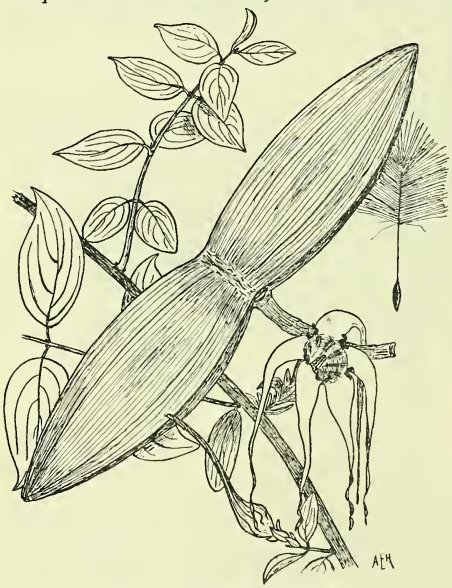
Alterations to a branch of Lansdowne Pharmacy, Ltd., Bournemouth. At left are shown the entrance d exterior and (below) a view of the counter and shelves as they were prior to the change. At right, a w entrance (leaving untouched the original entry to private stairway), with "lead-in" windows and elow) modern showcases and fittings, with view of dispensary beyond.

BRITISH EXPEDITION TO STUDY STROPHANTHU

FOLLOWING shortly on the news of an American expedition to West Africa to study the possibilities of strophanthus as a source of a raw material from which Cortisone may be obtained (*C. & D.*, September 10, p. 338) comes the announcement that a similar British expedition has flown to Nigeria recently. The expedition includes a botanist from Kew.

The Apocynates

The family Apocynaceæ, and the genus *Strophanthus* include many weird plants, not the least strange among which is *Strophanthus sarmentosus,* in the seeds of



STROPHANTHUS SARMENTOSUS

Sketch made from specimens in herbarium at Kew, showing sprawling, shrubby nature of plant: leaf shape; how flowers spring from old wood; bud with its unopened beak; seed pod, large in comparison with plant; and seed with silk-floss attached.

which has been found an acid closely resembling in chemical structure the drug Cortisone. The British expedition will interest itself not entirely in *S. sarmentosus* but will investigate as many members of the Apocynaceæ family as possible, and indeed of the Asclepiadaceæ, in the hope that related species may also contain the acid and be easier to cultivate, or be found in greater abundance.

Both families are abundantly represent in Equatorial Africa, and *Strophanth sarmentosus* is found not only in countr of West Africa but in Uganda, and possib Tanganyika Territory. It grows in variety of environments; in rocky, d granitic country at about 3,000 ft.; and the verge of tropical forests where rege eration is taking place following cultivatic Unfortunately *Strophanthus sarmento* may not be easy to cultivate, and it unusual to find it growing abundantly any one place. The plant is neither shrub nor a creeper, but something l tween, with long thin sprawling stems oft supported by other things, and twisti about as it grows, rather like a coa honeysuckle. It is therefore not to be su posed that any easy and considerable p duction of the drug will be possible for long time, unless some allied speci easier to handle, is found to yield the dru

The flowers of the plant are chie borne in clusters on the older woo though they may appear at the ends short new outgrowths having somewh leathery pale-green leaves, ovate in sha The flowers themselves are extraordina and fairly large. The bud swells purpli in colour, with long tips of the pet united to form a beak. When a bud ope and the petal tips separate, the broad lower portions of the petals are united form a cup-like perianth which is p purple on the outside but has stripes of deeper purple in the throat. The throat the flower is surrounded with irregul purple-coloured appendages like scales, a the long petal tips hang down like strea ers of pale yellow, which twist and crinl up in the hot sunshine.

The seed pods are large, woody, a boat-like in shape, growing in two hal which turn away from each other. Wh these halves split open they are filled capacity with elongated seeds, to the en of which feathery silk-like fibres a attached. Discovery of a drug of su potential value to the human race, and unexpected presence in a wild plant, ma exploration by botanists of wild vegetati an imperative forerunner to the mechanic cultivation of food crops.

Chocolate Flavoured Penicillin. — chocolate flavoured powder preparati of penicillin is reported being manufactur in America for oral administration.

A SYNCHROTRON FOR MEDICAL USE

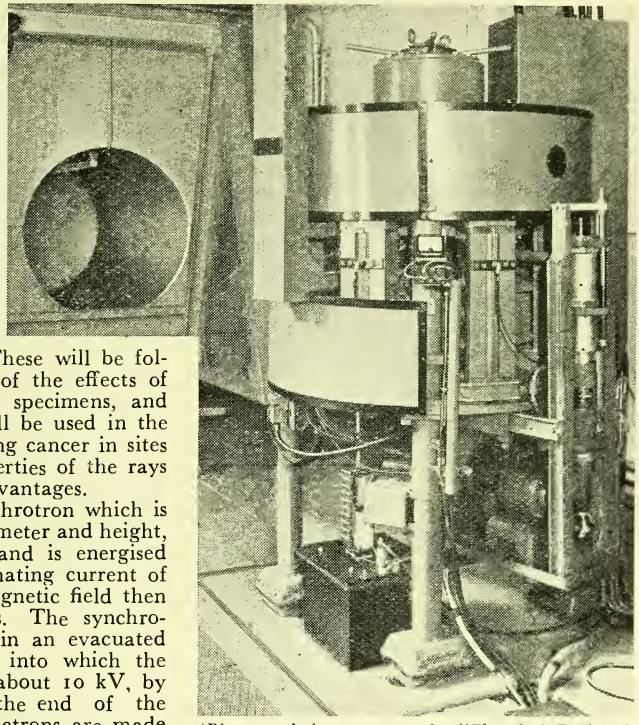
LUSTRATED alongside a 30-million-volt syn-rotron recently built the physics depart-ent of the Royal ncer Hospital, Lon-n—the first of two to installed and the st in the world ecifically devoted to dical work.

At the moment nec-ary physical studies e being made with e radiation produced -rays and electrons in 30 M.E.V. region). These will be fol-ved by biological tests of the effects of rays on a variety of specimens, and ally the synchrotron will be used in the atment of patients having cancer in sites which the special properties of the rays considered to have advantages.

The magnet of the synchrotron which is lindrical, and 4 ft. in diameter and height, ighs about three tons and is energised coils carrying an alternating current of o amperes, the peak magnetic field then ing about 10,000 gauss. The synchro-n accelerates electrons in an evacuated ss annulus, the donut, into which the ctrons are injected, at about 10 kV, by electron gun. At the end of the celeration period the electrons are made hit a target, consisting, in this apparatus, a 2-mm. diameter tungsten wire, moun-d in the donut, thereby generating rays.

The apparatus is installed below ground vel and the *x*-ray beam is fired into the black body" cavity shown on the left of e picture. This cavity is cut at a pth of 10 feet in a 20-ft.-long mound of rth. Protection from the radiation in her directions is afforded by 3-ft.-thick ncrete walls.

Development costs of the unit have been rne by the Medical Research Council.



(*Photograph by courtesy, the "Electrical Review"*)

INQUESTS

Deaths After Inoculations. — At ad-urned inquests at the St. Pancras, Lon-n, coroner's court recently, upon three ildren, each aged three years, who d died from liver disease following oculation against measles, verdicts of ath by misadventure were returned. The roner said that the deaths were not the result of a "fault of the measles inocula-tions. What has happened here," he said, "may be of use in the future of serum immunisation or injections."

Tetanus Death. — At an inquest at Lewisham, London, recently, on a boy aged nine who had been admitted to Brook Hospital, Shooters Hill, London, suf-fering severely from tetanus after a small injury, a doctor attached to the hospital said that the administration of curarine had failed to control the spasms. A ver-dict of accidental death was returned.

Amethocaine Idiosyncrasy.—A verdict of misadventure was recorded at an in-quest at Bradford recently, on a woman who died after the administration of amethocaine as a local anæsthetic at Brad-ford Royal Infirmary. A doctor said that death was due to an idiosyncrasy to amethocaine. The drug had been used at the Infirmary since 1940 without mishap.

RECENT RESEARCH

Rutin from Elder.—Rutin has been isolated by King and Schwarting ("Journal of the American Pharmaceutical Assotion," September, p. 531) from the fresh leaves and flowers of *Sambucus canadensis* in quantities showing a progressive rise during the growing season until fruiting occurs; no rutin was found in the fruits. The maximum yield of crude rutin was 0.25 per cent. from a sample of leaf.

Propagation of Mouse Carcinoma.—Following recent work by Gye (director of the Imperial Cancer Research Fund) which suggested that mammalian cancer might be caused by a virus-like agent, Ida Mann ("British Medical Journal," July 30, p. 251) a worker at the Fund's Laboratories has shown that by freezing mouse mammary carcinoma tissue at —79°C. for long periods, the tumour cells are killed and the Bittner virus (a virus associated with tumour production) is liberated in an active form. The refrigerated tissue is then capable of initiating new tumours in male and female mice, but only when injected into the mammary tissue.

Mineral Oils in Baking Practice.—Apart from the use of mineral oil as an ingredient in cakes, which has been officially condemned, its use as lubricant in the baking industry might be considered to involve hazards to health. Coppock and Cookson ("Journal of the Society of Chemical Industry," September, p. 274) outline a method of determining the amount of mineral oil present in bread, and suggest that, provided that the amount present does not exceed the statutory limit of 0.2 parts per 100, and that the chemical purity of the oil is not less than that of paraffinum liquidum, B.P., the risk of absorption is slight and any danger it represents negligible.

Adrenal Cortex and Arthritis.—The injection of a solution of formaldehyde is found by Selge ("British Medical Journal," November 19, p. 1129), to produce arthritis and periarthritis in the joints of rats, and he has used the procedure to investigate the function of the adrenal cortex in arthritis. His experiments show the "formalin arthritis" to have been slightly aggravated by pre-treatment with desoxycortone acetate (D.C.A.) or crude anterior-pituitary preparations, but almost completely inhibited by Cortisone or A.C.T.H. (adreno-corticotropic hormone). He concludes that there appears to be an antagonistic relationship between the tv classes of hormone.

Trichlorethylene Inhaler. — In tl search for a trichlorethylene inhaler th may safely be used by midwives, Epste and Macintosh ("British Medical Jou nal," November 12, p. 1092) have invent an apparatus which they claim gives a co stant concentration (normally 0.5 per cen of trichlorethylene vapour under mar conditions of temperature. The apparat is in two models, a hand-controlled (a justed to a temperature scale indicated b a thermometer incorporated in the instr ment); and an automatic model in whic the adjustment is made by a thermost device. A mechanism is provided for r ducing the concentration of trichlo ethylene vapour to 0.35 per cent.

Indian Lobelia.—S. C. Datta and I Datta (Pharmacognosy Laboratory, Go ernment of India, Calcutta) describe ("I dian Pharmacist," iv.7.253) the morphol gical and histological characteristics of tl fruits of *Lobelia nicotianæfolia,* Heyne, ar the pharmacognostic features of the pov dered drug. The alkaloidal content is r corded as 1.18 per cent., calculated a lobeline, against 0.3 to 0.4 per cent. in tl American drug, *Lobelia inflata.* Lobeli as defined in the Indian Pharmacopœi List, 1945-46, consists of the dried aeri parts of *L. nicotianæfolia,* Heyne, collecte in October and November and dried in tl shade. It contains not more than 60 p cent. of its stems and not more than per cent. of other organic matter.

Distribution of Intrathecal Anæsthetic—An investigation by radioactive trac technique of the distribution of an anæ thetic when injected intrathecally has bee carried out by Howarth ("Nature," Apr 30, 1949, p. 679). Radioactive dibromo procaine hydrochloride was prepared, usin bromine obtained as silver bromide fro the chain-reacting pile. The estimate radioactivity of the various tissues wa taken to provide an index of concentratio of the drug, and 0.007-0.03 gm. of dibro moprocaine hydrochloride was injecte intrathecally into cats. Apart fro spinal cord and spinal roots, only kidne and liver showed a concentration of th drug above that in the blood. Concentra tion in the cord reached a maximum o nine times, and that in the spinal root three times, the blood concentration. Th spinal roots showed a higher concentration

CONVERSION TO A LIMITED COMPANY

By S. Howard Withey, F.Comm.A.

WHEN the partners in a business are the promoters of a private company, no question of inviting public to subscribe for debentures or ares arises. The consideration of the nsfer would be the allotment of fully-id shares to the vendors, any additional rking capital being obtained either m friends or from vendors by means similar allotments. Where no financial istance is required, the business would simply transferred to the company for agreed sum, and only when the ven-r desires to sever connection with the siness would he or she insist upon be-; paid wholly or mainly in cash. Cer-n assets are often retained by the vendor tead of being handed over to the com-ny. Book debts, for example, sometimes gregate a considerable amount and may nain the property of the vendor to be llected by the company on his or her half; the business premises are some-nes also retained, the vendor granting lease to the company. An agreement ould be drawn up after the assets to be quired have been determined on a suit-le basis.

ocuments That Must be Deposited

In addition to a statement of the minal capital (which may be less than e value of issued shares) a number of cuments must be lodged with the Regis-ar, including memorandum of associa-n; articles of association; declaration of mpliance with the requirements of the mpanies Act; notice of the situation of e Registered Office; and particulars of e directors. The memorandum of asso-ation is the company's charter, and ould give the full name of the com-ny, with "Limited" as the last word; e situation of the registered office; a ause to the effect that the liability of e members is limited; and the amount the share capital and its division into ares of a fixed amount. Articles of sociation constitute the laws governing e internal affairs of the company and e subsidiary to the memorandum, which abodies the fundamental conditions. The ticles of a private company restrict the ght to transfer shares, and limit the num-r of members, excluding employees, who ay be given the opportunity of acquir-g an interest.

When an established business is converted into a limited liability company, the transfer from the vendor is usually recorded by preparing a statement in which the assets to be taken over are grouped under appropriate headings for posting to the debit side of specific accounts to be opened in a new private ledger. In order to arrive at the purchase price, as laid down in the agreement, it may be necessary to deduct from the total value of the assets an amount due to creditors and trade suppliers, as shown by the list of outstanding bought-ledger balances; the amount by which the total of the assets exceeds the total of the liabilities being shown on the credit side of an account opened in the name of the vendor, and upon shares being allotted this account would have to be debited with the value of the shares and a corresponding entry made on the credit side of the issued share capital account.

The cost of preparing and printing the various documents, including fees and deed stamp duties, should be posted direct from the cash book to the debit side of a preliminary expenses account, together with any legal expenses incurred until such time as the shares have been allotted (or the certificates issued) and any charges for accountancy or book-keeping work involved in the conversion. Preliminary expenses are not usually charged in full against the first year's operations but are spread over a number of years by writing off a proportion each year.

Extent of Members' Liability

The liability of each member of a company is strictly limited to the amount, if any, which remains unpaid on shares held, and if the business fails the creditors have no call upon the private goods of the shareholders. Other advantages are that provision can easily be made for the interests of persons employed, and no difficulties arise in regard to appointments, retirements or the removal of directors, and no more than two members need be associated with the enterprise. Unlike the business which is being carried on by two or more partners, when the death of one would involve the withdrawal of capital, the death of a member of a limited company does not affect the other members in this respect.

COMING EVENTS

Tuesday, November 29

DONCASTER BRANCH, PHARMACEUTICAL SOCIETY, Planet room, Danum Hotel, Doncaster, at 7.45 p.m. Mr. C. Beaven, Ph.C., on "The Riddle of Allergy."

SOUTH-EAST METROPOLITAN BRANCH and SOUTH-EAST LONDON CHEMISTS' ASSOCIATION, The Grove Tavern, 26 Camberwell Grove, London, S.E.5, at 7.30 p.m. Mr. S. D. MacIsaac on "Auremycin."

WOLVERHAMPTON BRANCH, PHARMACEUTICAL SOCIETY, Povey's Restaurant, Victoria Street, Wolverhampton, at 7.30 p.m. Lantern lecture "How to Make a Winning Picture," by Johnsons of Hendon, Ltd.

Wednesday, November 30

BIRMINGHAM PHARMACEUTICAL ASSOCIATION, Botanical Gardens, Egbaston, 8 p.m. to 1 a.m. Dance.

LEEDS BRANCH, NATIONAL PHARMACEUTICAL UNION, Mansion Hotel, Roundhay Park, Leeds, 8 p.m. to 1 a.m. Dance.

GLASGOW AND SOUTH-WESTERN SCOTTISH BRANCH, PHARMACEUTICAL SOCIETY, Hall of the Institute of Accountants and Actuaries, 229 St. Vincent Street, Glasgow, at 7.30 p.m. Mr. A. Dalziel, B.Sc., on "The Atom and its Reservoir of Energy."

SHEFFIELD BRANCHES, PHARMACEUTICAL SOCIETY and NATIONAL ASSOCIATION OF WOMEN PHARMACISTS, Medical Library, Sheffield University, at 7.45 p.m. Joint meeting. Dr. K. Coward on "Vitamin Requirements of Human Adults."

Thursday, December 1

BRADFORD BRANCH, NATIONAL PHARMACEUTICAL UNION, Great Northern Victoria Hotel, Bradford, at 7.45 p.m. Mr. R. H. Kemp, Ph.C., on "Devaluation of Pharmacy."

BURNLEY BRANCH, PHARMACEUTICAL SOCIETY AND NATIONAL PHARMACEUTICAL UNION, Cross Keys Hotel, St. James's Street, Burnley, at 7.30 p.m. Mr. H. Noble (secretary, N.P.U.) on "Present Problems and Future Prospects."

DURHAM COUNTY BRANCH, PHARMACEUTICAL SOCIETY, Pattinson's Dunelm Hotel, Old Elvet, Durham City, at 7.30 p.m. Mrs. Joyce Gilbert, B.Pharm., M.P.S., British Chemicals and Biologicals, Ltd., on "Some Recent Advances in Therapeutics."

WESTERN (LONDON) PHARMACISTS' ASSOCIATION, Slater's Restaurant, 18 Kensington High Street, W.8, 7-11 p.m. Dance and buffet supper.

Friday, December 2

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION, Carpenter's Restaurant, 3 The Pavement, London, S.W.4, at 7.45 p.m. Members' night. Topic, "The N.H.S. and You."

Saturday, December 3

GUILD OF PUBLIC PHARMACISTS, 17 Bloomsbury Square, London, W.C.1, at 3 p.m. Special meeting.

ROYAL COMMERCIAL TRAVELLERS' SCHOOLS are holding a festival dinner in connection with the 1949 maintenance appeal at Grosvenor House, Park Lane, London, W.1, on January 27, 1950. Persons willing to act as stewards should communicate with Mr. A. H. Carpenter, St. Ermins, Caxton Street, London, S.W.1.

CORRESPONDENCE

Correspondents may adopt an assumed name, must in all cases furnish their real name and adc to the Editor

A. R. Melhuish Presentation

SIR,—The proposal put forward by committee of the West Metropoli Branch early in October to present l A. R. Melhuish with his portrait in is still in operation. A sum of at le 250 guineas is desired, and it is propo that the fund shall be closed on Decem 31. To the many who have given th support we are grateful, and to those w have not yet had time to do so we prof this reminder.

Yours faithfully,

R. WOOLBY BROOKE, *President*

ERIC S. WINDWOOD, *Secretary*

London, W.1.

The Shilling Levy

SIR,—I am not a Socialist— and I not think that the shilling charge is fair the insured person who pays 3s. 10d. 4s. 11d. weekly for his benefit. But that a matter for the insured persons to fig out for themselves. If, however, the G ernment are to get away with the charge, it will undoubtedly act as a c terrent to the people who just waste t doctor's time for trivial troubles. So as pharmacists are concerned, there is difficulty whatever in collecting 1s. on ea prescription form (the same being deduct at the pricing bureau) so why all the d mal letters—looking for troubles that not exist? The remote country pharmac and the dispensing doctor may have have an adjusted method of accounting f the 1s., but they represent only 2 or 3 p cent. of national dispensers, so why all t fuss? Personally, I strongly resent pha macy's representative bodies stating th we are "unanimously" against the charge. They have not taken a referendu and they don't know.

Yours faithfully,

Dundee. GEORGE J. LINDSAY.

Source of Cortisone? — Alexand ("British Medical Journal," November 1 p. 1178) see "no *prima facie* reason" wh the supply of cattle bile for the productic of cortisone should not be increased b means of biliary fistulæ made surgically i suitable cattle.

TRADE REPORT

ot quotations for pharmaceutical chemicals represent the prices for wholesale quanti-s of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

3 Essex Street, W.C.2, Nov. 23

IE markets for PHARMACEUTICAL and NE CHEMICALS generally have seen ther less activity during the past week. akers of SULPHANILAMIDE announced creases in both home and export prices, t in other directions the markets are eady. Prices of OPIATES continue un-anged. CRUDE DRUGS markets have been iet and quotations for most articles have en firmly maintained. CANADA BALSAM, wever, has eased slightly. Sumatra BEN-IN has been in good inquiry and a moder-e business done. CASCARA SAGRADA is nding firmer on the spot. French GENTIAN dearer. RHUBARB is very scarce on the spot d high prices are asked for poor quality ot. SENEGA is attracting little interest d is easier. Tinnevelly SENNA PODS the spot are of a disappointing quality; present there are no supplies of selected nd-picked pods. Spot quotations for nnas are unchanged and are much below lues in India. In SPICES, prices of PEP-R continue to rise; owing to the lack supplies from the Dutch East Indies, orld consumption since the war has been pendent on Indian pepper. The Indian overnment has now imposed a 30 per nt. *ad valorem* export duty on black pep-r. African GINGER, however, which has en advancing for some months, is now a eady market. Prices of CARDAMOMS re-ain at high levels in India and there are ill no supplies available in the London arket. Only a small trade in MENTHOL s been done and the market is easier. rices of ESSENTIAL OILS are little anged on the week. Ceylon CITRONELLA a falling market and has attracted few yers. There are no supplies of Bourbon ERANIUM offered from source and the spot arket remains firm. LEMONGRASS is arer. English expressed SWEET ALMOND easier.

.S. Drug and Chemical Report

New York, November 18

ONTINUED mild weather has resulted in ower business generally in the PHARMA-CUTICAL and FINE CHEMICALS markets an is usual at this time of the year. everal price movements have been noted, nong them an advance in PARA-AMINO-ENZOIC ACID, and a decrease in technical rades of HEXAMINE. The former product s increased from $3.60 to $3.75 per lb. r 100-lb lots, while the cut in hexamine s amounted to 3 cents per lb., bringing e cost of the granular material to 25 nts per lb. Brazilian MENTHOL is cheaper, d is now quoted at $10.80 per lb.; fur-er parcels are understood to have arrived om China during the past few days and ore are expected shortly. COCOA BUTTER has advanced in price and is now quoted from 50 to 52 cents per lb. An improvement is reported in supplies of LANOLIN. MERCURY is now quoted at $71 per flask compared with the previous price of $72, but demand is very poor. Many CRUDE DRUGS are expected to advance in price during the winter months, although at present little interest is being displayed by consumers. There is very little Nicaraguan IPECACUANHA on the spot or available in the primary market. Firmer markets are reported for SENEGA, LOBELIA HERB and Mexican SARSAPARILLA. ERGOT remains nominal. A moderate request is noted for essential oils; Chinese ANISE, Australian EUCALYPTUS, Ceylon CITRONELLA and Siberian PINE NEEDLE OILS are firmer markets.

Pharmaceutical Chemicals

ACETONE. — Prices are unchanged. Makers' contract rates per ton are as follows:—In 40/50 gall. drums: Less than 1 ton, £70; 1 ton, £69; 10 tons to 50 tons, £68; 50 tons and over, £67. Smaller quantities are quoted at £90 per ton in 5-gall. and £85 per ton in 10-gall. drums.

AMIDOPYRIN.—French material (B.P.) is offered at from 34s. to 35s. per lb.

AMPHETAMINE. — Quotations for BASE and SULPHATE are from 115s. to 120s. per lb. *d*-AMPHETAMINE is 26s. per oz.

ASCORBIC ACID.—In 1-kilo lots, quotations are from £25 per kilo; 500-gm. from £12 15s.

ATROPINE.—Steady. Makers' rates per oz. are: ALKALOID, 41s. 3d.; 4 oz. 40s. 9d.; 25 oz., 40s. 3d. SULPHATE, 32s. 9d.; 4 oz., 32s. 3d.; 25 oz., 31s. 9d.

CHLOROCRESOL.—Pharmaceutical quality is quoted at 4s. per lb. in 1-cwt. drums.

CHLOROFORM.—Makers' prices for 1-cwt. lots in winchesters are 3s. 2d. per lb.; 56-lb., 3s. 2½d. In drums, prices are 3s. 0½d. and 3s. 1d. per lb., respectively.

CHLOROXYLENOL.—B.P. quality is quoted as 5s. 6d. per lb. in 1-cwt. drums.

CREAM OF TARTAR. — Makers' rates for the home trade are: 10 cwt. lots, 148s. per cwt.; 5-10 cwt., 149s.; less than 5 cwt. and more than 2 cwt., 150s.; 1-2 cwt. 152s., delivered.

ICHTHAMMOL.—In drums, quotations are from 3s. 6d. to 3s. 9d. per lb.; in 7-lb. tins, from 4s. 3d.; and in 1-lb. tins from 4s. 6d. to 5s. per lb.

IODINE PREPARATIONS. — Home - trade prices are as follows:—RESUBLIMED IODINE, B.P.—1-cwt. lots, 18s. (28-lb. containers); 18s. 1d. (14-lb.); 18s. 1½d. (7-lb.); 18s. 2½d. (4-lb.); 18s. 3d. (2-lb.); 18s. 4d.

per lb. (1-lb.); smaller quantities are scheduled up to 22s. 2½d. per lb. POTASSIUM IODIDE, B.P. — 1-cwt. lots, 15s. 5d. (28-lb. containers); 15s. 6d. (14-lb.); 15s. 6½d. (7-lb.); 15s. 7½d. (4-lb.); 15s. 8d. (2-lb.); 15s. 9d. (1-lb.); smaller quantities, up to 18s. 11½d. per lb. SODIUM IODIDE, B.P.—1-cwt. lots, 16s. 9d. (28-lb. containers); 16s. 10d. (14-lb.); 16s. 10½d. (7-lb.); 16s. 11½d. (4-lb.); 17s. (2-lb.); 17s. 1d. (1-lb.); smaller quantities, up to 21s 10½d. per lb. IODOFORM POWDER, B.P.—1-cwt. lots, 21s. (28-lb. containers; 21s. 1d. (14-lb.); 21s. 1½d. (7-lb.); 21s. 2½d. (4-lb.); 21s. 3d. (2-lb.); 21s. 4d. (1-lb.); smaller quantities, up to 25s. 10½d. per lb. IODOFORM CRYSTAL is 2s. per lb. more than powder. Containers charged, excepting 28-lb. tins which are free. Special rebate of fourpence per lb. allowed for quantities of 5-cwt., in one delivery or on contract (three months). Carriage paid in Great Britain, Northern Ireland and Eire (duty for buyer's account).

KAOLIN.—In 1-cwt. bags, LIGHT is quoted at 56s. per cwt., and HEAVY at about 32s. 6d. per cwt.

LACTOSE. — Dutch (B.P.) is quoted at 1s. 7d. per lb. for 5-ton lots; 3-ton, 1s. 7½d.; 1-ton, 1s. 7¾d.; less than one ton, 1s. 8d., duty paid, ex wharf London. English is from £125 to £135 per ton.

LACTATES. — Current quotations are: CALCIUM, 2s. 2½d. to 2s. 6½d.; CALCIUM SODIUM, 3s. 5d. to 3s. 9d. per lb. LACTIC ACID, B.P., is 3s. 3d. per lb. in carboys, and 3s. 4½d. to 3s. 10d. in winchesters.

MAGNESIUM HYDROXIDE, B.P.C.—Makers' price for 1-cwt. lots is 2s. 11d. per lb.

METHYL SALICYLATE.—Current rates are as follows: Winchester quarts, 2s. 2½d. per lb.; 56 lb., in demijohns, 2s. 1d.; 1 cwt. in demijohns or carboys, 2s. 0½d.; 5 cwt., 2s. All prices are net.

OXALIC ACID.—A good spot demand reported. 1-ton lots are quoted at £131 10s. per ton in casks (kegs, £135 10s.): 10-cwt., £132 10s. (£136 10s.); 5-cwt., £133 10s. (£137 10s.); 1-cwt., £136 10s. (£140 10s.); contracts are 50s. per ton under the above.

PIPERAZINE.—French material is offered at from 110s. to 120s. per kilo (smalls. 4s. 9d. to 5s. per oz.).

POTASSIUM BROMATE. — Makers' prices per lb. are as follows:— One cwt., 5s. 3d.; 56 lb., 5s. 9d.; 28-lb., 6s. 3d.; smaller quantities up to 6s. 9d.

SULPHANILAMIDE. — Prices have been increased by 1s. per lb., with effect from November 15. 5-cwt. lots are quoted at 7s. 3d.; 1-cwt., 7s. 6d.; 28-lb., 7s. 10d.; 14-lb., 8s.; 7-lb., 8s. 9d. per lb.

TERPINEOL.—Prices for B.P. grade are from 2s. 9d. to 3s. per lb.

ZINC OXIDE.—Current price of B.P. is £93 5s. per ton in minimum 2-ton lots—a decrease of 35s. per ton from November 23.

Crude Drugs

AGAR. — Good white Kobé strip is short supply on the spot; quotations from 15s. 3d. to 16s. per lb. Lower qu ties are available at from 13s. to 14s. lb., spot.

ALOES.—Quotations for prime Cape at 115s. per cwt., spot; shipment, 10 c.i.f. Curaçao is offered at from 230s. 240s. per cwt., spot.

ARECA NUTS.—Dealers are asking pri from 57s. 6d. to 60s. per lb. for s supplies.

BALSAMS.—On the spot, *Canada* is q ted at from 15s. 6d. per lb. upwards. P *Copaiba*, B.P. 1932, soluble is 8s. per duty paid, and 7s. 6d. in bond. San Sal dor *Peru* is 6s. 3d. to 6s. 6d. per lb., d paid. *Tolu* is scarce at origin; shipment quoted at 15s. 6d. per lb., c.i.f. Suppl on the spot are quoted at 17s. 6d. per lb.

BENZOIN.—Quotations for good almon Sumatra block on the spot are fr £18 10s. to £19 10s. per cwt, as to hold Siam almonds are offered at from 20s. 21s. per lb., spot.

CAMPHOR.—Chinese tablets (½-oz.) a offered at from 6s. 9d. to 7s. 6d. per l duty paid; refined natural powder (B.I is quoted at from 5s. 6d. per lb., du paid, spot London, and B.B. grade m be had at 5s., duty paid. English su limed flowers (B.P.) are 5s. 9d., and En lish synthetic, 5s. per lb., in 1-cwt. lots.

CARDAMONS.—No supplies on the sp Aleppy greens, November-December shi ment, 17s. per lb., c.i.f. Aleppy seeds f shipment, 26s., c.i.f., quoted.

CASCARA SAGRADA.—Very little offeri on the spot and 275s., duty paid, is aske to come forward, 270s. per cwt., c.i.f., du paid.

CASCARILLA. — Quills are quoted 1s 5d. and siftings at 1s. 3d. per lb., sp

CASSIA PODS.—(*C. fistula*). — Indian quoted at from 62s. 6d. to 65s. per cw ex wharf London.

CLOVES. — Zanzibar, quoted fractional easier at from 1s. 4¼d. per lb., spot; N vember-December, 1s. 2⅞d., c.i.f., seller Madagascar in bond is offered at 1s. 5d.

COCHINEAL.—In good inquiry. Silv greys are nominally 5s. 9d. per lb., spot.

ERGOT. — Quotations for Portugue range from 21s. 6d. to 24s. per lb., spot.

GENTIAN.—French natural on the sp is quoted at from 70s. to 72s. 6d.; at or gin, 72s., c.i.f., indicated.

GINGER.—Steady. African is quoted 350s. per cwt., spot. Jamaican, No. 355s., sellers, spot.

GUM ACACIA. — Kordofan cleaned sort on the spot offered at from 87s. 6d. pe cwt.; shipment, 82s., c.i.f.; bleached gum 125s., spot. Talha is 50s. per cwt., on spot shipment, 45s., c.i.f.

IPECACUANHA.—Any available supplies of caraguan on the spot are valued at s. 6d.; December-January shipment, s. 6d. per lb., c.i.f., nominal. All sup- es of Johore have now passed to con- mers.

IRISH MOSS.—Good white carrageen is offer at 85s. per cwt., spot.

JALAP.—Vera Cruz is offered at from . 10½d. to 4s. 3d. per lb., spot, as to test.

KINO.—Indian gum is offering on the ot at 6s. 9d. per lb.

LIQUID PARAFFIN.—Prices of B.P., heavy, e unchanged. In 40-50-gall. loan drums, . 7d. per gall.; in 5-gall. free drums, 9½d. to 7s. 10d.; in 10-gall. free drums, . 5½d.

LIQUORICE.—Anatolian natural root, for ipment, quoted at 55s. per cwt., c.i.f.; rian natural, quoted 40s., spot; cut, 55s. r cwt. Turkish block is quoted at from 0s. to 230s., duty paid, according to lder; Turkish stick is from 300s., duty id. Italian stick is from 300s. to 475s. r cwt., duty paid, as to grade.

MACE.—West Indian blade is available 6s. per lb. on the spot; prices of pick- gs are from 2s. to 5s., as to quality.

MALT EXTRACT.—In good demand. B.P. ality is quoted at 86s. per cwt. in 1-cwt. 56-lb. returnable drums; with COD- VER OIL (15 per cent. v/v.) the price is s. 6d. per cwt.; carriage paid.

MASTIC.—Small tears (No. 2) are of- red at 14s. 6d. per lb., duty paid.

MENTHOL.—Quiet. Brazil is quoted at om 85s. to 87s. 6d. per lb., spot, duty id; November - December shipment, s. 6d., c.i.f. Chinese, prompt shipment, om origin, 85s., c.i.f.

MERCURY. — Spot price is £26 5s. per ask: for shipment, £25 10s., c.i.f.

MYRRH.—Aden sorts, spot, offered at £12 r cwt., siftings are at £6 10s. to £7.

NUTMEGS. — West Indian 80's quoted . 9d., on spot; shipment, 2s. 2½d. per lb., .f.; sound assorted, 2s. 1d., spot. East dian 80's offered at 2s. 10d. per lb., c.i.f. ntinent.

NUX VOMICA. — Little demand reported. chin is offered from 36s. to 37s. 6d. per t., spot; 32s. to 33s., c.i.f. Madras for ipment, 27s. per cwt., c.i.f. Cocanada, s. per cwt., spot.

OLIBANUM. — Best drop is quoted at 5s.; peas are 190s., fair garblings, 125s. d siftings at 85s. per cwt., spot.

ORANGE PEEL.—Old-crop thin cut Tripoli quoted at 1s. per lb., duty paid, spot; w-crop is 1s. 2d. per lb., duty paid. itter quarters are nominally 1s. 3d. per , duty paid, spot.

PIMENTO.—Quotations are from 1s. 3d. r lb.; to arrive, 119s. per cwt., c.i.f.

RHATANY. — Quiet. Spot quotations are hanged at 9d. per lb.

RHUBARB.—Scarce on spot; wormy lower grade material is quoted at 9s. per lb., in bond. No offers forward.

SANDARAC.—In second hands, supplies are offered at 6s. 9d. per lb.

SARSAPARILLA.—Jamaican native red, on the spot, is offered at 2s. to 2s. 3d. per lb.; forward, 1s. 10d., c.i.f. Jamaican grey, 3s. 6d., spot.

SEEDS.—The ANISE market continues firm. Turkish only available at 175s. per cwt., duty paid, spot London. CARAWAY.—Dutch is quiet at 112s. 6d. per cwt., duty paid, spot London. CELERY.—Indian is now offered at 1s. 4½d. per lb., spot London. French is nominal at 1s. 9¾d. per lb., duty paid, London (for November delivery). CORIANDER.—Market remains firm. Morocco on spot is 80s. per cwt., in bond, and 85s. per cwt., duty paid; for shipment, 75s. per cwt., c.i.f. London, is quoted. Argentine, whole seed, is 72s. 6d. per cwt., duty paid; for splits, 67s. 6d. per cwt., spot Hull. CUMIN.—Market unchanged. Cyprus is nominal at 185s. per cwt., spot London. Morocco is 155s. per cwt., in bond, and 165s. per cwt., duty paid, spot London. Indian, spot London or Liverpool 150s. per cwt. DILL.—Indian remains firm. Spot is 62s. 6d. per cwt., ex store London or Liverpool. For shipment, quotations as high as 59s. 6d. per cwt., c.i.f. London have been received. FENNEL.—Spot unchanged. Sellers are asking 70s. per cwt., ex store London or Liverpool. FENUGREEK.—Market continues firm. Indian is 62s. 6d. per cwt., spot London; Morocco is 57s. 6d. per cwt., duty paid, spot London or Liverpool.

SENEGA.—Quiet. The market is slightly easier with spot offers at from 10s. 6d. to 11s. per lb.; from origin, 9s. 9d., c.i.f., quoted.

SENNA.—Tinnevelly leaves, spot, No. 1, from 9½d. to 11d. per lb.; No. 2, 7½d. to 8d.; No. 3, 6d. per lb.; Tinnevelly pods, selected, nominal; ordinary hand-picked, 9d.; manufacturing, 5d. to 6d. Alexandrian pods, hand-picked, spot, from 4s. 9d. to 5s. 9d. per lb., nominal; medium grades are offered at from 2s. 6d. to 3s. per lb.; manufacturing 8d.

SHELLAC.—F.O.T.N., pure, is easier at 342s. 6d. per cwt.; F.O. Standard 1, 352s. 6d.; fine orange, 365s. to 410s., spot.

SQUILL.—Italian is offering at 57s. per cwt., spot; for shipment, 45s. to 50s., c.i.f.

STYRAX.—Crude is quoted at from 7s. to 7s. 6d. per lb., spot, duty paid.

TRAGACANTH. — Steady. Selected white ribbon is quoted at £115 per cwt.; other white grades on the spot are offered at from £65 to £100 per cwt.

TURMERIC.—Firm. Madras finger is quoted on the spot at 120s. per cwt.; Rajapore finger, 120s., spot.

VALERIAN.—Belgian natural on spot is quoted at 185s. per cwt.

Essential and Expressed Oils

ALMOND. — English-expressed sweet oil (B.P.) is slightly easier at from 4s. 6d. to 5s. 3d. per lb.; Spanish is available at from 3s. 3d. to 4s. 6d. Bitter, on the spot, is from 30s. to 60s. per lb., as to grade.

ANISE.—Firmer. Chinese star is now quoted at from 8s. 6d. to 8s. 9d. per lb. for drums and from 8s. 9d. in tins in cases, spot.

BAY.—West Indian on spot is quoted at from 6s. 6d. to 7s. 6d. per lb.

BOIS DE ROSE.—Quotations are from 22s. to 26s. per lb.; forward, 21s. 6d., c.i.f.

CADE.—Spanish oil, B.P., on the spot, is offered at from 2s. 6d. to 3s. per lb.

CAJUPUT.—B.P. is quoted at from 16s. to 18s. per lb., spot.

CAMPHOR.—White oil on spot is quoted at from 2s. 2d. per lb., duty paid; brown oil, from 1s. 7d. per lb., spot, duty paid.

CANANGA. — Spot quotations are from 26s. 6d. to 28s. 6d. per lb.

CARAWAY.—English-distilled is offered at from 36s. to 40s.; imported, 26s. to 28s. per lb., as to quantity.

CARDAMOMS.—English-distilled is offered at from 400s. to 450s. per lb.

CASTOR.—Basic price of pharmaceutical quality is £104 per ton, naked, ex mill.

CINNAMON.—Steady. B.P. oil, 50s. to 60s. per lb. Bark oil is offered at 12s. per oz. Leaf oil, on spot, 8s. per lb.

CITRONELLA.—Ceylon is an easier market with spot supplies offered at 8s. 9d. per lb.; November-December shipment, 7s. 9d., c.i.f. Java, for shipment, 14s. 3d., c.i.f.

CLOVE. — English-distilled bud oil is from 12s. 9d. to 13s. 6d. per lb., according to quantity: imported oil is 7s. per lb.

COPAIBA. — Spot offers are at from 14s. 6d. to 15s. per lb.

CORIANDER. — Steady. English-distilled is quoted at about 260s. to 280s. per lb.

CUBEBS. — Steady. Supplies of English-distilled offered at from 50s. to 55s. per lb.

CUMIN.—Quotations for English-distilled are around 70s. per lb.

EUCALYPTUS.—70-75 per cent. (B.P.) is firm at from 4s. 3d. to 4s. 6d. per lb., spot, for drums; 80-85 per cent., 4s. 7½d. to 4s. 9d. per lb., spot.

FENNEL.—Dutch sweet is quoted at from 17s. to 17s. 6d. per lb., duty paid; Spanish is offered at from 19s. to 20s. per lb., spot, duty paid.

GERANIUM.—No offers of Bourbon from origin; spot supplies are from 70s. to 80s. per lb., according to grade.

GINGER. — Quotations for English-distilled are from 95s. to 230s. per lb., as to grade and seller. Dutch is offered at 80s. to 84s. per lb., duty paid.

JUNIPER BERRY.—Imported oils are qu ted at from 19s. to 25s. per lb., duty pai English-distilled, first quality, is offered from about 75s. per lb.; B.P.C. oil is 2

LAVANDIN.—Spot offers are from 8s. to 10s. per lb., according to grade.

LAVENDER.—French, 38-40 per cent., spot is offered at from 19s. to 22s. per l 40-42 per cent., 20s. to 23s. English-d tilled oil is quoted at 185s. per lb. Spani spike is 9s. to 9s. 6d. per lb., spot.

LEMONGRASS.—Any available supplies the spot are valued at from 16s. 6d. 16s. 9d. per lb.; November-December sh ment, 15s., c.i.f.

NUTMEG.—Prices of English-distilled are at 35s. to 37s. 6d. per lb.; secor grade, 25s. per lb.

PALMAROSA.—Spot quotations are fr 37s. 6d. to 38s. per lb.; shipment, 36 c.i.f.

PEPPERMINT.—English-distilled is offer at from 200s. to 225s. per lb. Chinc (dementholised *M. arvensis*) is quoted from 41s. to 44s., c.i.f.

ROSEMARY.—Spanish on spot is offer at 6s. 6d. to 8s. per lb., as to grade; D matian, 5s. 6d.

Synthetics and Isolates

QUOTATIONS are per lb. and vary according grade, quantity and seller.

GERANIOL.—Ex Ceylon, 28s. 6d. to 40s.; Java, 46s. to 52s. 6d.; ex palmarosa, 75s. to 9 GERANYL ACETATE.—Ex Java, 48s. to 52s. 6d. HELI TROPINE.—18s. 6d. to 22s. HYDROXYCITRONELLAL. Perfumers', 62s. 6d. to 70s.; for soaps, 55s. to 6

INDOLE.—10s. to 15s. (per oz.). IONONE.—(1 per cent.), 50s. to 55s. ISOBUTYL ACETATE.—2s. 6 to 3s. 6d. ISOBUTYL BENZOATE.—6s. 3d. to 7s. 6 ISOBUTYL SALICYLATE.—5s. to 6s. 6d. ISOE GENOL.—17s. 6d. to 20s. LINALOL.—40s. to 4 LINALYL ACETATE.—42s. 6d. to 46s.

METHYL ACETOPHENONE.—12s. to 14s. METH ANTHRANILATE.—14s. to 15s. METHYL BENZOATE. 5s. 3d. to 7s. 6d. METHYL CINNAMATE.—11s. 6d. 12s. 6d. METHYL IONONE.—55s. to 65s. METH PHENYL CARBINYL ACETATE.—11s. METHYL PHENY ACETATE.—6s. 6d. to 7s. 6d. MUSK AMBRETTE. 45s. to 55s. MUSK KETONE.—37s. 6d. MUS XYLOL.—7s. 9d. to 10s. MUSTARD OIL (artificia —10s. 6d. to 15s.

NEROLIN BROMELIA.—14s. to 15s. 6d. NEROL YARA YARA.—9s. to 10s. 6d. PARACRESYL ACETATE. 8s. 6d. to 9s. 6d. PARACRESYL PHENYLACETATE. 9s. to 12s. 6d. PHENYLACETALDEHYDE.—60s. to 65 PHENYLACETIC ACID.—5s. 6d. to 6s. 6d. PHENY ETHYL ALCOHOL.—21s. 6d. PHENYLPROPYL ALC HOL.—25s.

RHODINOL.—170s. to 185s. SAFROLE.—9s. 10s. SANATALOL.—95s. to 120s. STYROLENE AC TATE.—11s. to 14s. TERPINEOL.—Perfumers', 2s. 6 to 3s. 3d TERPINYL ACETATE.—6s. to 8s. VER VEROL.—200s. to 230s. VETIVERYL ACETATE.—175 to 265s.

MISCELLANEOUS INQUIRIES

Rust-removing Paste.—*G. E. S.*—A te for removing rust may be made to following formula:—

Finely powdered pumice	30
Oleic acid	20
Wax	2
Paraffin	4

Red Squill Bait.—*A. E. D.*—A formula rat bait containing red squill, given the Ministry of Food, is as follows:—

Red squill powder	2
Sausage rusk	9
Water	9

e red squill should be mixed with the rusk before the water is added. The son bait must be used only after pre- ting with the same bait base.

Unna's Pepsin Ointment.—*B. M. I.*—e formula for Unna's pepsin ointment —

Pepsin	10.0
Boric acid	2.0
Hydrochloric acid, dilute	0.5
Eucerin Anhydrous	40.0
Eucerin hydrous	47.5

e ointment is intended for treating estive scars by means of moist dress- s. More efficient than the ointment is plaster made according to the same for- la.

Shoe Cream Base.—*M. C.*—A base for hoe cream containing about 10 per cent. wax may be made to the following mula:—

Carnauba wax	1 oz.
Beeswax	4 oz.
Potassium carbonate	6 dr.
Boiling water	6 oz.
Oil of turpentine	40 oz.

lt the waxes and add to the boiling ution of potassium carbonate, mix, and nove from the fire. Then add as much re boiling water, mixing all the time, d gradually work in the oil of turpen- e.

Medicated Confectionery.—*F. C.*—The nister of Health has set up a panel to vise the Minister of Food whether items sugar confectionery may properly be arded as medicated and therefore out- e personal-points rationing. In general, product is not deemed to be sugar con- tionery for rationing purposes if (a) complies with a formula in the British armacopœia, British Pharmaceutical Co- x, National Formulary or recognised hos- al formularies or pharmacopœias; (b) the manufacturer has been authorised by the Minister of Food to manufacture and sell it free from all provisions of the Chocolate, Sugar Confectionery and Cocoa Products Order, 1949; or (c) consists of compressed tablets each of which contains one or more of the following in quantities not more than those stated:—Phenol-phthalein, gr. ½; santonin, gr. ½; calomel, gr. 1/20.

Vanishing Creams.—*J. A. McK.*—Below are given three formulas for vanishing creams containing glycol or glyceryl stearates:—

I

Glyceryl monostearate	10 gm.
Stearic acid	5 gm.
Neutral hydrocarbon oil	2 gm.
Triethanolamine	1 gm.
Water	65 gm.
Glycerin	4 mil
Preservative	q.s.

II

Diglycol stearate	200 gm.
Cetyl alcohol	10 gm.
Water	900 gm.
Glycerin	80 mil
Preservative	q.s.

III

Diglycol stearate	100 gm.
Diglycol laurate	20 gm.
Stearic acid	40 gm.
Water	800 mil
Glycerin	70 mil
Preservative	q.s.

Stove Polish.—*R. J. & S.*—Below are given three formulas for liquid stove polish:—

I.

Graphite	2
Bone black	2
Ferrous sulphate	4

Mix with sufficient water to form a cream.

II.

Oil of turpentine	128 oz.
Graphite	26 oz.
Rosin	4 oz.
Bone black	1 oz.
Oil-soluble black	1 oz.

Dissolve the dye and the rosin in the oil of turpentine. Rub up the bone black with some of this solution, then add the graphite.

III.

Graphite is made into a thin paste with waterglass, to which a small amount of glycerin may be added.

TRADE MARKS

(From the "Trade Marks Journal," November 9)

For hair preparations (3).—"VITOIL"; by Drugs, Ltd., London, N.10; 663,970.

For dentifrices (3).—"DENTYGIENE"; by Charles Walther, London, S.E.14; B676,385.

For all goods (3).—"BY CANDLELIGHT"; by Delavelle (G.B.), Ltd., London, N.1; 676,683.

For detergents and soaps (3).—"TIDE" on label device by Thomas Hedley & Co., Ltd., Newcastle; 679,169.

For cosmetic powder boxes (3).—"HAPPY LANDING"; by S. D. Rand, Ltd., London, W.1; 680,115.

For pharmaceutical preparations (5).—"QUICIN" and WAIKOF"; by A. Wainstead, Ltd., Kingston; 663,036 and 663,263. "PARKO-SELTZA"; by Brook, Parker & Co., Ltd., Bradford; 670,020. "NEO-RIDDOBRON"; by Riddell Products, Ltd., London, W.1; 680,016. "ISOMNIN" by Clinical Products, Ltd., Richmond; 680,386. "TABROFEL"; by Imperial Chemical (Pharmaceuticals), Ltd., London, S.W.1; 681,681.

For all goods (5).—"SANATOGEN," "CYNATOGEN," "SANAGON," "SATOGEN," "SANATOZON," "SANTAGENA," "SANATON," "SANATOSIN," "SONATOGEN," "A. WULFING & CO." across triangular device, "SANALECIT"; by Genatosan Ltd., Loughborough; 667,165-77, 668,903 and 668,907. "TRESANOIDS"; by Sharp & Dohme, Ltd., Hoddesdon; 676,400. "ANAPOLOS," "ROSTOGEN," "AVLASTRAN"; by Imperial Chemical (Pharmaceuticals), Ltd., London, S.W.1; 676,810, 676,812 and 680,455. "FRED SYKES" in distinctive lettering; by Fred Sykes, Fleetwood; 680,332.

For medicated preparations of casein and sodium glycerophosphate (5).—"SANATOGEN" on label or carton device; by Genatosan, Ltd., Loughborough; 667,167-68 and 668,906.

For medicinal tablets (5).—"FORMAMINT"; on label device by Genatosan, Ltd., Loughborough; 668,905.

For therapeutic preparations containing products of formaldehyde (5).—"FORMAMINT WULFING" in distinctive lettering; by Genatosan, Ltd., Loughborough; 668,904.

For infants' foods (5).—"ALLINSON NATURAL CEREAL FOOD FOR BABIES" on label device including babies; by Allinson, Ltd., London, E.2; B676,603.

For insect-destroying tablets (5) "MOSQUITABS"; by Insecta Laborator Ltd., London, S.W.1; 672,345.

For vermin-destroying preparations —"SQUEAK"; by Insecta Laborator Ltd,. London, S.W.1; 675,561.

For medicated toilet powders for infa (5).—"BA-BA"; by Prideaux Milk Fo Ltd., Evercreech; B677,050.

For sedatives (5).—"SOOTHESAN"; Potter & Clarke, Ltd., London, E 679,950.

For weed and vermin destroying p parations, fungicides, etc. (5).—"A TEX"; by Bayer Products, Ltd., Lond W.C.2; 682,620.

For automatic immersion apparatus u in the preparation of histological sp mens (9).—"AUTOTECHNICON"; by T Technicon Co., City, U.S.A.; 669,406

For scientific apparatus and instrume (9).—"HISTOKINE"; by Hendrey Rela Ltd., Slough; 679,931.

For cardiophones (10).—"NEP CARD PHONE" in distinctive lettering; by N Electronic Products, Ltd., London, W 673,204.

For surgical and medical apparatus (1 —"NEPTUNE"; by Hoskins & Son, Lt Birmingham; 676,195.

For hearing aids for the deaf (10). "TELEPAK"; by Bonochord, Ltd., Lond W.1; 680,201.

For shaving mirrors (20).—"MIRREXO by C. Brinkman & Co., Ltd., Lond W.1; 674,969.

For combs and brushes, vacuum flas etc. (21).—"ACME GAYWARE" on lal device; by Acme Tin Stamping Co., Lt Manchester; 646,591.

(From the "Trade Marks Journal," November 16)

For industrial chemicals (1).—"PECT ROL"; by A.S.P. Chemical Co., Lt Gerrards Cross; 677,253. "SILVERCROWN in circle device including crown; by Silv crown, Ltd., London, S.W.19; 678,672.

For soaps (3).—"MAGISPRAY"; Citrus Products Co., Ltd., Wemble 666,008.

For infants' foods (5).—"VATO BA FOOD" and device of baby's head; Svenska Aktiebolaget Vato, Halmsta Sweden; B664,757.

For medicated confectionery (5).- "HACKS" on label device including mar portrait; by White, Hudson & Co., Ltd Southport; 667,131.

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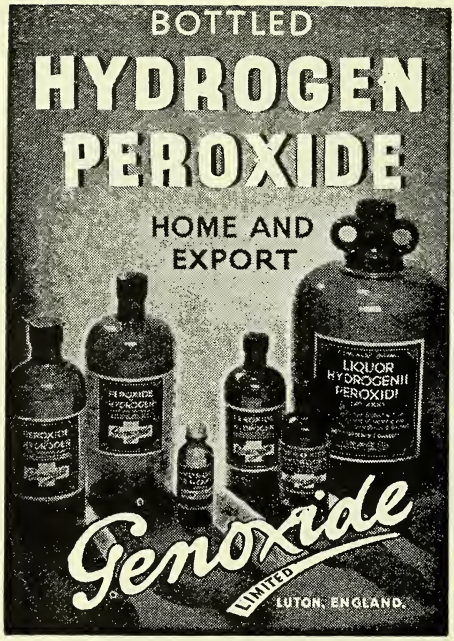

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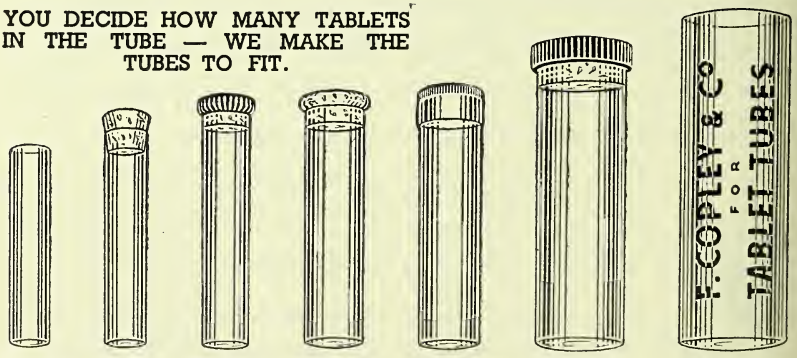

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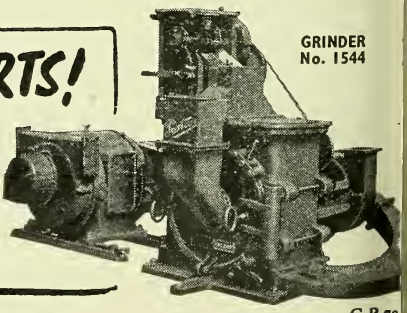

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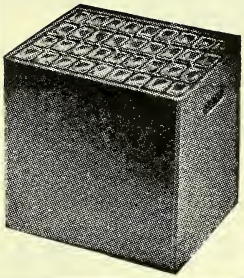

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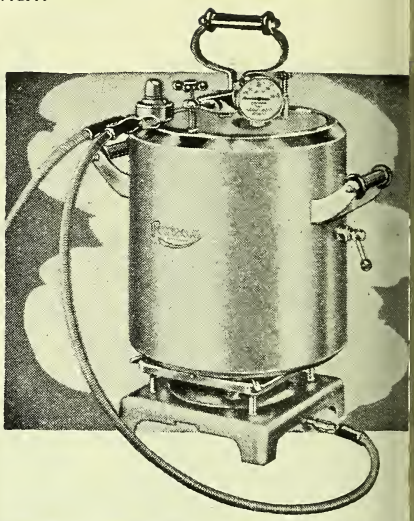

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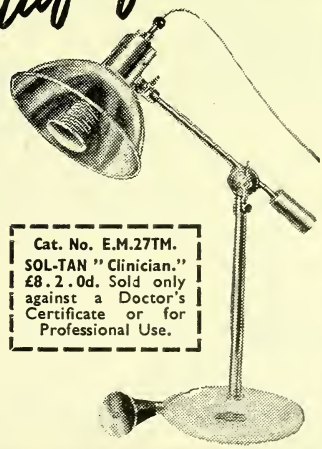

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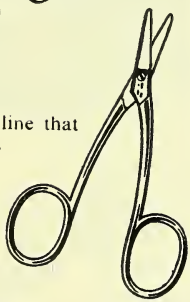

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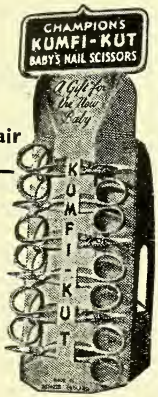

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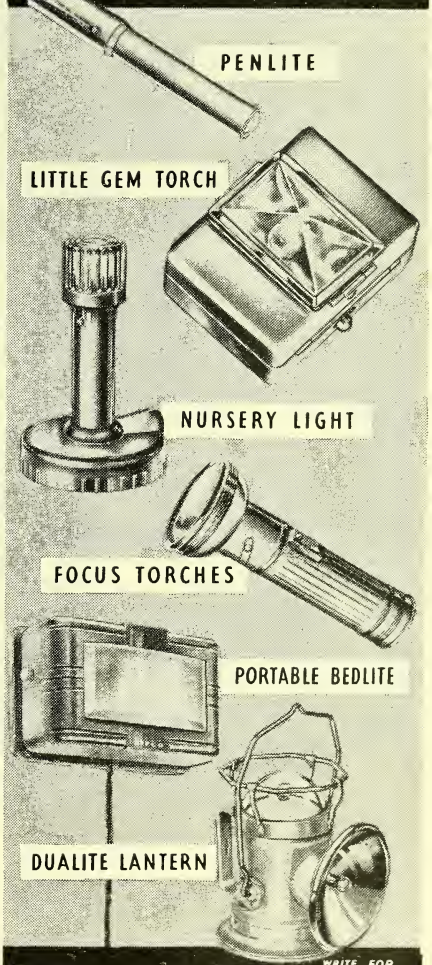

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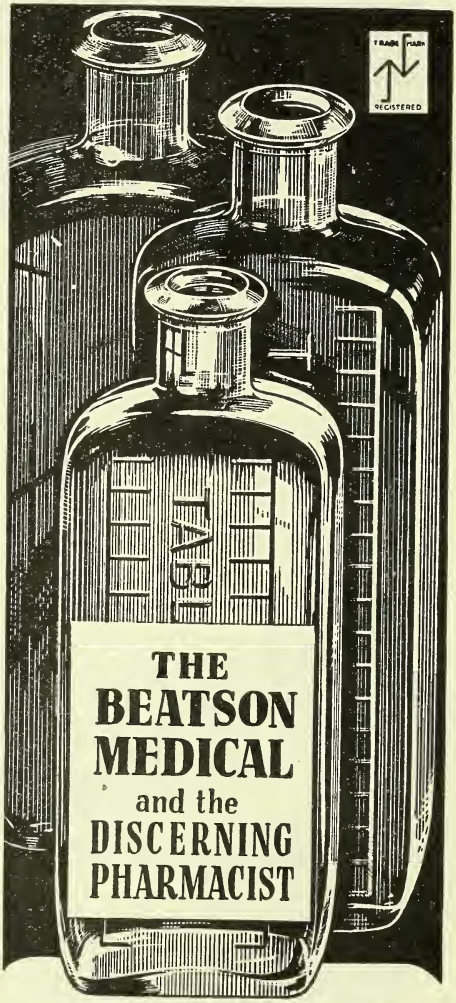

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Feet Plaisters & Powders. popular remedy gains new s successes weekly. Wide-spr advertising assures cons demand. Have you got sto Retail prices:- Plaisters Powders 1½d. Comb. Pack
HOBSON TRIMBL
& CO., LTD.
UNION HOUSE, LEEDS

MOSANS PESSARIES
15/- per doz. boxes
any wholesaler

Have you got your copy of
THE CHEMIST'S DICTIONARY OF SYNONYMS ?

This book incorporates Rouse's Synonyms and contains thousands of synonymous terms. It is a most useful book of reference.
5/- *postage* 4d. *from*
THE CHEMIST & DRUGGIST
28 ESSEX ST., STRAND, LONDON, W.C.2.

PER TEATS SOLUTION TOY BALLOONS FINGER-STALLS

ETERINARY GAUNTLETS POST-MORTEM GLOVES

RGICAL · VETERINARY · INDUSTRIAL · DOMESTIC

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SEAMLESS RUBBER PRODUCTS

INE BOTTLE CA

AGS SURGICAL GLOVES PAULS TUBING LAIL

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PAULS TUBI

INDUSTRIAL FINGER-STALLS

MORTEM GAUNTLETS SURGICAL GLOVES

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VEEDIP LIMITED

INSEMINATION ACCESSORIES DENTAL

HELENS WORKS SLOUGH · BUCKS · ENGLAND

The quality of Veedip rubber products is relied upon by H.M. Government departments in England and overseas, and by hospitals all over the world. The Veedip patented processes of manufacture are unique in achieving the virtues which make up this quality.

Veedip rubber is grainless and has the greatest resistance to tearing, is light in weight, odourless and durable. Veedip products can be sterilised time and again, are particularly suitable for use in the tropics, and **cost no more** than articles made by older methods.

CIMLAC GAUZE

A NON GREASY, NON ADHERENT WOUND DRESSING

A bland dressing incorporating antiseptics of proved low toxicity in a sterilised glyco-gelatin base, which provides marked healing and coagulating properties.

By seepage into the wound and diffusion over the adjacent skin surfaces, the medicament rapidly inhibits Gram-Positive organisms, in particular Staph. Aureus, Strep. Haemolyticus, Strep. Viridans and also B. Pyocyaneus.

CIMLAC GAUZE is prepared to melt at body temperature and in situ will remain moist and non-adherent. Easy removal is secured without danger of rupture to the delicate epithelium and granulative tissue.

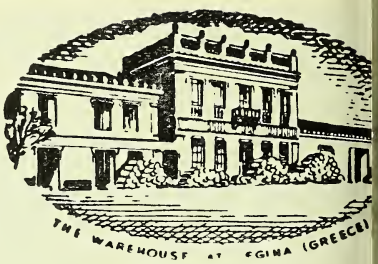
For use as a general dressing for Burns, Accidental and Operational Wounds, Boils, Carbuncles, Varicose Ulcers, Trophic Ulcers, Bed Sores. As a post-operative dressing in rectal operations and the preparation of tissue surfaces for skin grafts.

Formula: 5 - Amino - Acridine 0.1% : Hexylresorcinol 0.1% : in a sterilised glyco-gelatin base.

Packed to facilitate non-touch technique in boxes of 24 pieces 4′ × 3½″.

Price 6/6d. per box. (Medical discount 10%). Price to Hospitals 5/- per box. Exempt Purchase Tax. Carriage Paid Home on orders over £2 in value.

WRITE TO... CALMIC LIMITED CREWE HALL CREWE



"RELIANCE"

SPONGES

"FINE WHEN WET"

You can rely upon the House with over 100 years experience in the sponge industry to give you every possible satisfaction. Your enquiries will receive our courteous, prompt and knowledgeable attention.

Send for illustrated leaflet showing our full range of attractive Sales-Producing Sponge Boxes.

CRESSWELL BROS. SPON

(International Sponge Importers Ltd.)

International House

BUCK STREET, CAMDEN TOWN, N

Gulliver 5462-3 Grams : Sponge, Norwest, L

STANDARD SYNTHETICS

L I M I T E D

***Actual distillers of* Essential**

***Manufacturers of* Aromatics, Pe**
Bases and Flavours.

***We specialise in* Cinnamon Bark**
Juniper Berry Oil, W
green Oil, Eucaly
French Lavender Oil
peneless Lemon Oil,
Perfumes, etc.

76 Glentham Rd., Bar

London - - S.W.

Telephone:- Riverside 3616

No Bottleneck here!

SAFER AND MORE NATURAL FEEDING MAKES THIS NEW CANNON LINE A SURE SALE!

THE 'MODERN'

Easiflow

FEEDER

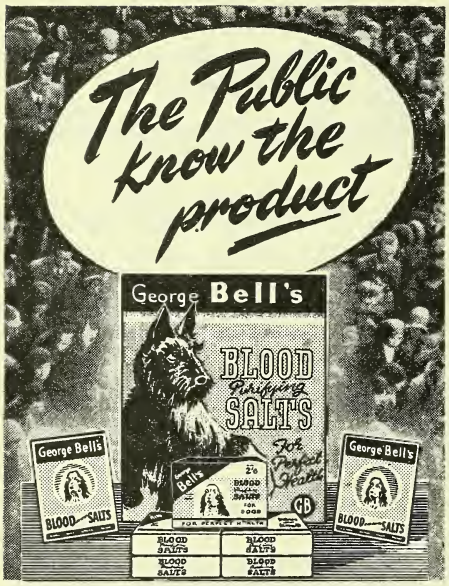
Cannon take another step forward in the development of safe and natural bottle-feeding. The 'Easiflow' feeder has a wide-necked, heat-resisting bottle which, with the large, transparent rubber teat can be cleaned easily and thoroughly sterilized by boiling. The new shape 'Easiflow' teat with its 1 or 3 hole perforation, non-collapse design, hygienic lip and anticolic valve makes for even more natural feeding than ever before.

The 'Easiflow' teat is available separately and represents a profitable repeat-sale item.

From your usual wholesaler. In attractive coloured cartons retailing at 3/- complete. Separate 'Easiflow' teat in hygienic transparent pack at 1/- (retail).

A CANNON RUBBER PRODUCT

CANNON RUBBER MANUFACTURERS LTD
5A, WELBOURNE ROAD, TOTTENHAM, LONDON, N.17



Remind them to buy by displaying GEORGE BELL'S Blood Salts

Give George Bell's Blood Salts, for dogs, prominent window and counter display.

This will mean more sales and profits for you. The packs make good displays, but if you require further display material, please write :—

BELL & SONS, LTD.,
18, SILVERDALE WORKS,
LIVERPOOL, 13

S.C.P.9

SAVE TIME...

Seal your packages this **QUICK, EASY WAY**

An inch or two of self-adhesive *Transotape*, a flick of the finger . . . and your package is sealed cleanly, smartly and securely. *Transotape* mends, strengthens and protects. It's pilfer-proof. You can have it *printed*—and what a good advertisement ! You can write on it. In colours to identify poisons and special drugs. Economical . . . you get 2,592 inches on a roll.

PAYS TO SELL

Ask about Transotape *Mini-rols for selling to your customers.* Every home a potential user. In lovely colours, 180 inches to the roll.

transotape puts EXTRA profit on your turnover

Samples and prices gladly

John Gosheron & Co Ltd Gayford Road London W
(Chemist Service Section)
417/49 Britain's Tapographical Specialists since 1909

FOR DESTROYING RATS and M
HALLER'S EXTRACT OF SQUI
is always in demand as it is a stand
product, controlled by Bio-assay te

For the destruction of Beetles, Cockroaches, Crickets, etc
USE
"DANZO BEETLE POWDER

"CADOG"
Parasiticide and Insecticide in liquid for
destroys all kinds of noxious insects :-
Bugs, Lice, Fleas, Moths, etc.

Address all enquiries for preparations for destruction of Domestic Pests to :—
HALLER LABORATORIES, LIMIT
325, BOROUGH HIGH STREET, LONDON, S

M l SC
l nt or
H Litre

KEEPS HOTTER – KEEPS COOLER

in a VACCO

The Superior Vacuum Flask with the Quality Finish

★ Modern design, strongly made, with a quality finish.

★ Fitted with a tested refill of *extra high thermal efficiency*. Hot or cold liquids retain their temperature for unusually long periods.

★ Canister made of stout gauge steel, tinned to resist corrosion. Finished in durable enamel in a range of attractive colours. The shoulder is made of highly polished aluminium.

★ Large plastic cup of pleasing shape supplied in pastel colours.

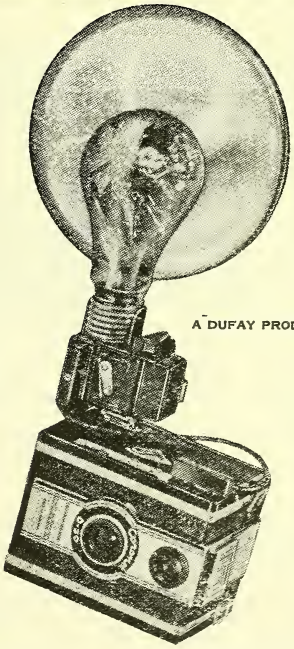
★ Close grained cork with composition top.

MADE IN ENGLAND

Direct Retail and Export Enquiries to:

VACCO SALES LTD. 55 PALL MALL, LONDON, S.W.1

"Winter Photography" means ALL YEAR ROUND Sales



A DUFAY PRODUCT

IEW D20 **BOX** CAMERA
ow *available for the home*
arket *in limited quantities.*

BOX CAMERA Retails at only **43/4** Tax paid

FLASH UNIT **36/10** Tax paid

AY-CHROMEX LTD., 14/16 COCKSPUR ST., LONDON, S.W.1 TEL: WHITEHALL 6747

Rubber with a Reputation

All these products — in good supply to meet the steady demand — are obtainable through your wholesaler.

NORTH BRITISH

THE NORTH BRITISH RUBBER COMPANY LTD., EDINBURGH, LONDON & BRANCHE

H.W.19

DIRTY WORK TO BE DONE?

THE BEST BARRIER PREPARATION

ROZALEX

IT STOPS DIRT FROM GETTING INTO YOUR SKIN

ALSO ROZALEX OINTMENT

Rozalex Ltd., 10 Norfolk Street, Manchester 2

An

ALL-BRITISH FIRM

have pleasure in announcing that:—

BRONCHOVYDRI

is back on the BRITISH MARKET

★

EXEMPT *from* PURCHASE TA

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This Inhalant for the Treatment Asthma is now Obtainable from th

Manufacturers and Sole Distributors:—

BRONCHOVYDRIN (1945) LTD

12 WESTWOOD ROAD · BARNES · S.W.

Another

SHERLEY

Winner!

thusiastic welcome for Sherley's Cream Shampoo

was only natural and logical that Sherley's ould provide a first-class canine Cream ampoo. Sales of Sherley's Cream Sham- o for dogs are already BIG, as was only be expected—but YOUR sales of is new line, a wonderful boon to dog owners, will depend en- ely on adequate STOCKS. on't risk disappointing en one prospective cus- mer. Order now d—for your own ke—please order ell!

TERMS: 9/- per doz. plus 33⅓% purchase tax

RETAIL PRICE: 1/3 per large tube

A. F. SHERLEY & CO. LTD.
16/18 Marshalsea Rd., LONDON, S.E.1

It's Ritchie's

for YOUR Sundries

HAIR BRUSHES
SHAVING BRUSHES
TOOTH BRUSHES
COMBS
SOAP CASES
ULTRA-VIOLET LAMPS
INFRA RED LAMPS
INFRADYSERS
BATHROOM SCALES
SURGICAL INSTRUMENTS
DRESSINGS OF ALL TYPES
DUNLOPILLO CUSHIONS
SPONTEX SPONGES
ORTHO-GYNOL
ORTHO-CREME
ORTHO-DIAPHRAGMS
FOOT SUPPORTS (ORTHO-PADS)
BUNION PADS

Full particulars with pleasure from:

Geo. B. Ritchie & CO.

249 Buchanan St., Glasgow, C.1
Daily: 9 a.m.—5.30 p.m. Sats. 1 p.m.
Tel: DOU 0532/3

Tintex

THE WORLD'S LARGEST-SELLING

HOME DYE

CHEMISTS AGENTS:—
Thos. Christy & Co., Ltd.
Farnham, Surrey

HALEX DISPLAY BONUS

13 HAIR BRUSHES FOR THE PRICE OF 12!

For every dozen of these ever-popular Hale hairbrushes, (pneumatic brushes, combin brushes, or some of each, if you like) we wil give you one brush FREE, and FREE o purchase tax. You can choose your free brus from any of the models you order. All that i required of you in return is a fortnight's windov or counter display of three Halex hairbrushes

FREE DISPLAY MATERIAL TOO!

Enclosed in every Bonus Parcel you will find tw attractive showcards, and the new permanent displa piece shown above. This is the work of a well known industrial designer. Put it in your window o on your counter for a fortnight and see how profit ably it goes about its business.

THIS OFFER HOLDS GOOD FROM 1st OCTOBER TO 30th NOVEMBER.

Order cards can be obtained from your usual wholesaler or from Halex Limited. Fill them in as soon as possible and be sure of getting your Bonus Parcel before the Christmas rush begins.

Halex

HALEX LIMITED · HALE END · LONDON, E.4

It has been

PROVED

time and time again that if you make a show of Gordon-Moore's Cosmetic Toothpaste your sales will increase four-fold. How about trying it?

ORDON-MOORE'S COSMETIC TOOTHPASTE

(London & Hollywood)

31 Sinclair Road, Kensington, London, W.14

phone: SHEPHERD'S BUSH 1131-1132 Telegrams: DAZZLING, LONDON

FOR EVERY MONTH OF THE YEA

"ZEMS"
HERBAL LICORICE TABLETS

THE BEST MEDICATED TABLETS FOR
COUGHS, COLDS, ASTHMA, BRONCHITIS, ETC.

Supplies may be obtained from C.F. Wholesale Houses

ZEMS LTD

718-724 Seven Sisters Road, London, N.15

Telephone: STAMFORD HILL 6658-9

bandbox

liquid shampoo

Attractive pack
with instant
sales appeal.
Economical
easy to use
no breaks
no waste

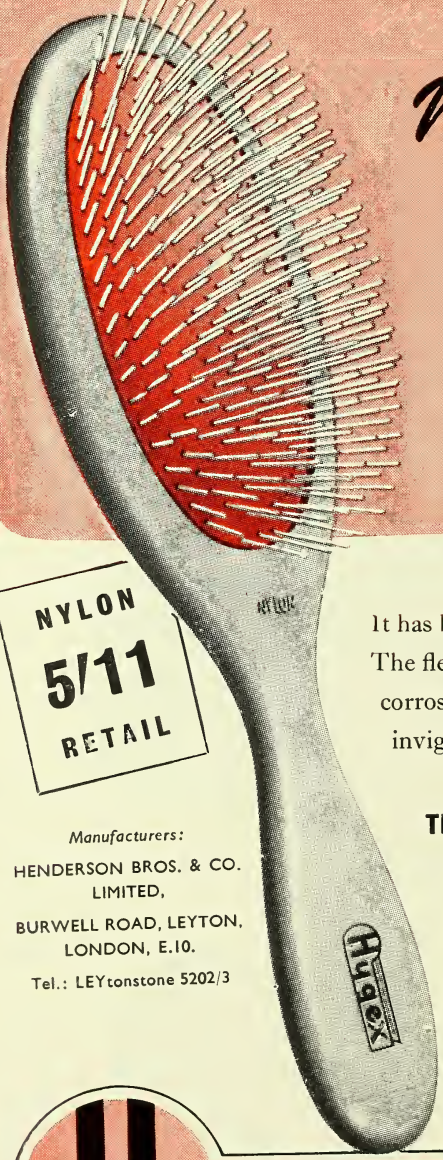
in its new plastic sachet

6D

packed in 3 dozens
Your cost 3/4 per doz. + P. Tax

ndard Bandbox bottles
d, 2/6, 4/3, 7/6

SHE LABORATORIES LTD., 120-2 VICTORIA STREET, LONDON, S.W.1



NYLON
5/11
RETAIL

It has been described as "**A REAL WINNER!**" The flexible single NYLON strands are non-corrosive and are most refreshing and invigorating to the scalp.

The HYGEX "333" is selling fast.

Supplied in rosewood, satinwood, pink, pastel blue and green finishes in the distinctive Hygex display carton.

Price 39/- per doz. plus P.T.

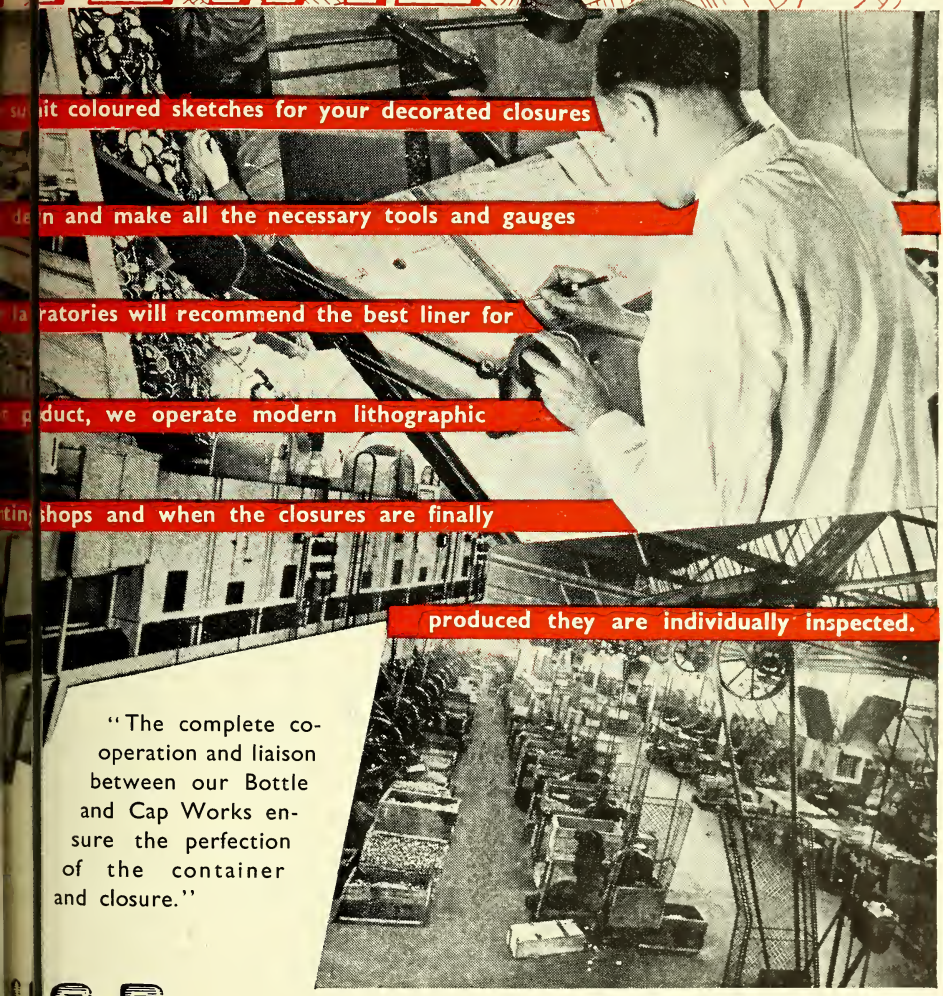
Order NOW through your usual wholesaler.

Manufacturers:
HENDERSON BROS. & CO. LIMITED,
BURWELL ROAD, LEYTON, LONDON, E.10.
Tel.: LEYtonstone 5202/3

Hygex

A GOOD BRUSH PEOP CAN WELL AFFORD

METAL CLOSURES



"The complete co-operation and liaison between our Bottle and Cap Works ensure the perfection of the container and closure."

UGB

BOTTLES AND CLOSURES

A Perfect Pair

UNITED GLASS BOTTLE MANUFACTURERS LTD.

8 LEICESTER STREET, W.C.2

Tel: GERRARD 8611 (15 Lines) *Grams:* UNGLABOMAN, LESQUARE, LONDON

NOW!

BETTER THAN EVER

NEW! IMPROVED!

BROBAT Suds

- Gentle to the Hands.
- Masses of Rich Suds.
- Full 10 oz. Packet—8½d.
- Washes everything, including silks, woollens and nylons.
- Ideal for washing up, and the big wash.
- Vivid new advertising in the Press, and on Buses and Trams. Appealing to 10,000,000 Housewives.
- Free Display Material and Window Displays, and Demonstrations.

Write for Generous Trade Terms

Brobat Manufacturing Co. Ltd.
Wandle Bank, Wimbledon, S.W.19

THE BARTLETT SERIES of the *Perfect Eyebrow Pencil*

ON SALE AGAIN FOR THE FIRST TIME SINCE 1939

BLACK
LIGHT BROWN &
DARK BROWN

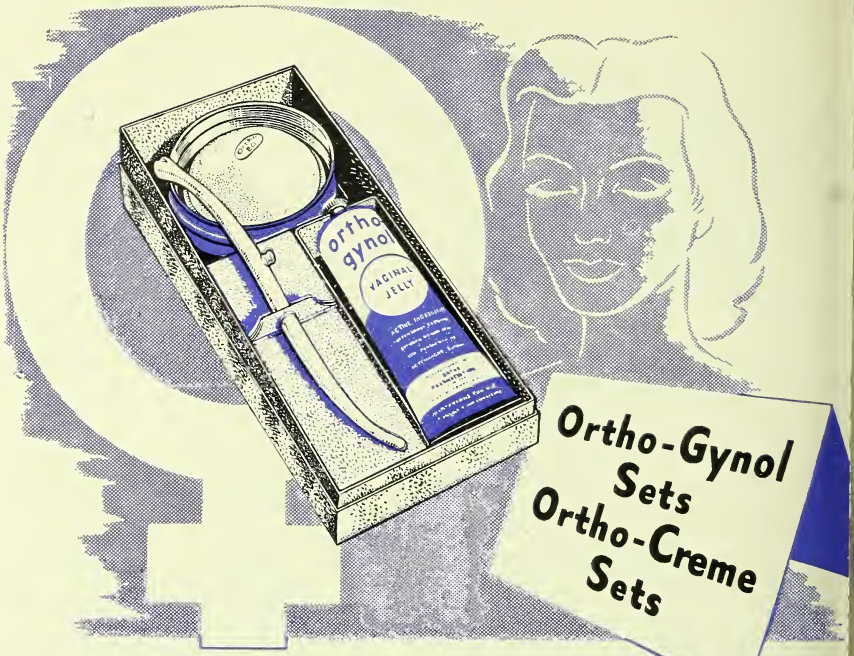
4/- dozen plus Purchase Tax
Fixed price to public 10d. each

ORDER FROM YOUR USUAL WHOLESALER

Wholesale enquiries to

LFRED FRANKS & BARTLETT CO. LTD.

UDREY HOUSE, ELY PLACE, LONDON, E.C.1



An important addition to the outstanding range
★Ortho *Gynaecics*

The universally prescribed contraceptives—*Ortho-Gynol vaginal* and *Ortho-Creme vaginal cream*—are now available in complete with the new *Ortho Vaginal Diaphragm* and *Diaphragm* Introd *Ortho-Gynol* and *Ortho-Creme* are *always* in demand—and the m is constantly expanding. You will be wise to feature these h somely packaged Sets in your display of Ortho Gynaecic special

★ Consistently and ethically promoted to the Medical Profession.

When ordering from your wholesaler specify ORTHO-GY *or* ORTHO-CREME *Sets (size range* 55-95

ORTHO

Ortho Pharmaceutical Limit

HIGH WYCOMBE · BUCKINGHAMSH

Makers of Gynaecic Pharmaceuti

TABLETS, PILLS, CAPSULES

LOZENGES, PASTILLES

British Chemotheutic Products Ltd. offer a complete range of Tablets, Pills and Capsules for dispensing under the National Health Acts. Each product is carefully standardised both qualitatively and quantitatively and strict analytical control is observed. The highest attainable standard of quality and purity is constantly observed.

Acetomenaphthone
Allobarbitone
Amphetamine Sulph.
(Racemic & Dextro)
Barbitone
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Calciferol
Carbromal
Codeine Co
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Digitalis
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Ergometrin Maleate
Ethisterone
Hexobarbitone
Hexoestrol
Mepacrine
Methyl Thiouracil
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Phenobarbitone
Phenytoin Soluble
Quinine Salts
Quinidine
Santonin
Stilboestrol
Succinylsulphathiazol
Sulphacetamide
Sulphadiazine
Sulphaguanadine
Sulphanilamide
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Sulphathiazole
Sulphamezarine
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Thiouracil
Thyroid
Glands
Vitamins, etc., etc.

BRITISH CHEMOTHEUTIC PRODUCTS LTD
BRADFORD (P.O. BOX 242)

Your enquiries invited for all types of Tablets, Pills and Capsules.

If

you agree

that the pack

makes the product,

you should let

Petrushkin

make the

pack

M. PETRUSHKIN LIMITED. *Established 1894*
Cardboard Box Manufacturers and Printers
183 BOW ROAD, LONDON, E.3 • *Advance 3131-4*

"7 O'CLOCK, cock" is a phr
that has caught the public fanc
and 7 O'CLOCK blades have caugh
new market for economical shav
luxury. Shavers find there's noth
like them for consistent value—yo
find that they'll sell as fast as you
get them on your shelves!

7 o'clock
BLADES

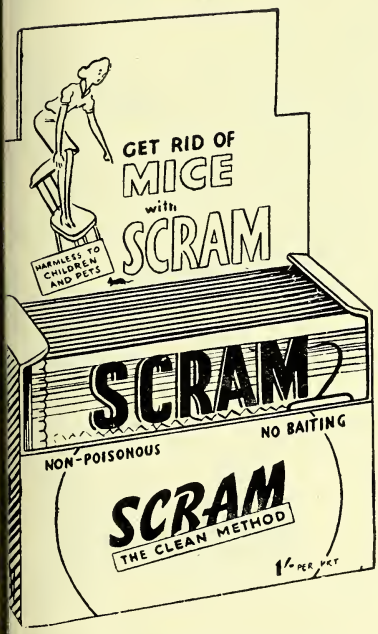
1/6d.
FOR TE
9d. for 5
(incl. tax)

Actually **COST LESS** *than* **PRE-WA**

Trade enquiries to your wholesaler or to Gillette Indu
Ltd., Gillette Corner, Great West Rd., Isleworth, Mido

SCRAM

THE CLEAN METHOD



NEW 1 DOZEN DISPLAY BOX **8/9**

THE BEST REMEDY AGAINST MICE

NO BAIT · NO TRAPS · NO BODIES

OVER 1,000,000 PACKETS SOLD A YEAR

Also available in 3 dozen display box - - 25/6

NATIONALLY ADVERTISED

Display the

PACKS THAT SELL, SELL, SELL!

from your wholesaler or direct

SCRAM PRODUCTS LTD., Dartmouth Park Hill, London, N.W.5

Gold Cup

JAFFAJUCE

The Quintessence of Quality in Real Fruit Drinks.

Made from ripe, sun-kissed fruit and pure cane sugar. Jaffajuce Orange, Jaffajuce Orange and Pineapple, Breakfast Jaffajuce (for a "Short" drink), Jaffajuce Lemon, Jaffajuce Grapefruit, Gold Cup Lime Juice.

JAFFAJUCE LTD., LONDON W.1 & GLASGOW ORDER THROUGH YOUR USUAL WHOLESALE CHEMISTS

"OATREX"

Prepared from the finest Scottish Oats

FINE GROUND. For weaned infants, nursing mothers and invalids.

MEDIUM GROUND. Makes a grand breakfast food for young and old alike.

Enquiries to Kings of Kingsbury (Sales), Ltd. London Bridge, S.E. 1. Telephone: HOP 2004

KING'S PATENT PRE-COOKED OATMEAL

Steadily drifting South..

Askit

THE POWDER WITH A REPUTATION

For over 30 years Scotland's leading Proprietary Medicine

for the speedy relief of Headaches, Neuralgia, Neuritis and all Nerve Pains.

Manufactured by

ASKIT LTD MANUFACTURING CHEMI GLASGOW N

and stocked by

ALL LEADING WHOLESALE HOUS

KENT
EST. 1777
ENGLAND

Free trip to New York and back!

NT-COSBY "ALLURE" PERFUME HAIRBRUSH COMPETITION.

VE YOU A SUPPLY OF ENTRY RM LEAFLETS AND THE SPECIAL SHOWCARD FOR THIS WONDERFUL COMPETITION?

NOT, PLEASE MAKE USE OF THE SPECIAL ORDER FORM BELOW.

National Advertising has commenced is being intensified, so make full use of placing the special Showcard in your dow and keeping a supply of Entry Form lets on your counter to back up your lay of "Allure" Perfume Hairbrushes.

, more than ever, the "Allure" Perfume brush becomes the Ideal Xmas Gift —The Finest Hairbrush in the World US the chance of winning a "Free Trip to New York and back" for two people and £50 in cash.

FIFTY OTHER PRIZES OF VOUCHERS VALUE £2 FOR KENT'S WORLD-FAMOUS BRUSHES

The Competition opened on November 1st 1949, and closes on February 28th, 1950. It is open to Men and Women.

Each Entry must be covered by the purchase of a Kent-Cosby "Allure" Perfume Hairbrush during the period of the Competition and a Dated Receipt made out by the Retailer from whom the brush was purchased has to be attached to the Entry Form Leaflet.

Advertisements are appearing in "*Woman*", "*Picture Post*", "*Queen*", "*News of the World*", "*Sunday Express*", "*Daily Mirror*", etc., and by Showcards on all London Underground Tube Trains on which approximately 520,000,000 people from London and the Provinces travel yearly.

CASH PRIZE FOR RETAILER WHO SELLS THE "ALLURE" BRUSH TO THE WINNER OF THE FIRST PRIZE.

nsure adequate stocks of Form Leaflets, The Spec- howcard and "Allure" es, please fill in and post form *Now* and reap the t of the National Adver- of this wonderful Compet- Do not disappoint your ners.

ORDER FORM FOR APPROVED ACCOUNTS

To: Messrs. G. B. Kent & Sons Ltd.,
24 Old Bond Street, London, W.1

Please supply.....Entry Form Leaflets
.....Special Showcard

KENT-COSBY "ALLURE" PERFUME HAIRBRUSHES

Please supply: ..... Pink ..... Blue ..... Green
..... Ivory ..... Allure Perfume Essence

Name .....

Address .....

.....

(*Block Letters Please*)

G. B. KENT & SONS LTD., 24 OLD BOND STREET, LONDON, W.1.

Lemon Juice 38.0% w/v

Sucrose 23.7% w/v

Liquid Glucose BP 28% w/v *(equivalent to Dextrose (Monohydrate) 10.5% w v*

Barley *(Sol. Extract)* from 7.4% w/v

Plus flavouring and permitted preservative

As an Antacid

or in febrile conditions

Invalid

Lembar

justifies the doctor's highest recommendation

Available in limited quantities

MADE BY RAYNER AND COMPANY LIMITED, LONDON, N.1

A GRAND COUNTER ATTRACTION - and FREE!

This attractive Display Outer comes free with every dozen lot of Besorbon medicinal snuff. Give your usual wholesaler a trial order for this all-year-round preventive remedy for Hay Fever, Colds and Catarrh—backed by national advertising, Besorbon sells on sight! Put it on your counter.

BESORBON

Kemsales Ltd., 20 Eastcheap, London, E.C.

MOUNTMELLICK PRODUCTS LIMITED

MANUFACTURED AND PREPACKED FOODS
(ORDER—REVOKED)

WE OFFER PRE PACKERS & EXPORTERS

MALT, MILK
AND
COCOA BEVERAGE
(Sweetened)
ALSO
MALT EXTRACTS
suitable for blending with Vitamins, Liver etc

Shipping Inquiries Invited.

Head Office:
29 SOUTH FREDERICK STREET
DUBLIN, IRELAND

Telegrams & Cables "MELMALT" DUBLIN — Phone: DUBLIN 6105

LABORATORIES: Pharmaceutical, Dietetic Industrial.

BiSoDoL

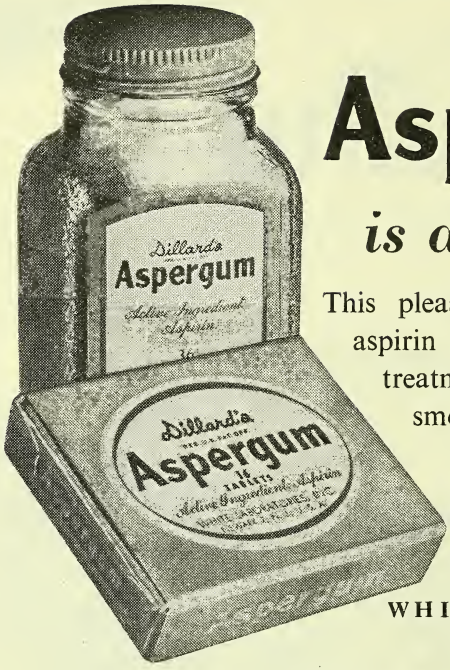
TRADE MARK

ANTACID DIGESTANT

The formula of 'BiSoDoL' is one which every Pharmacist can approve; it is being continuously brought to the notice of Doctors, Dentists, Nurses and Welfare Departments by finely produced mailing pieces and samples. The widespread recommendation of 'BiSoDoL' is shown by an increasing and developing public demand.

INTERNATIONAL CHEMICAL COMPANY LIMITED

CHENIES STREET, LONDON, W.C.1



Aspergum

is available agair

This pleasantly flavoured chewing gu aspirin is ideal for post-tonsillectom treatment, laryngitis, sore throa smokers' throat, etc.

Available in 16-tablet packages at 1/7 a moisture-proof bottles of 36 tablets at 3 (both inclusive of tax). Supplies obtainab from your usual wholesaler at 11/3 and 22 per doz. respectively.

WHITE LABORATORIES LT
MITCHAM • SURREY

Aberdeen Generosity
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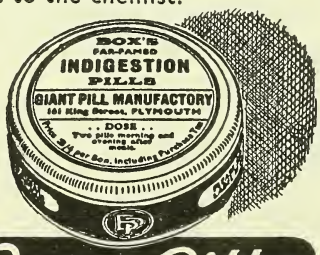

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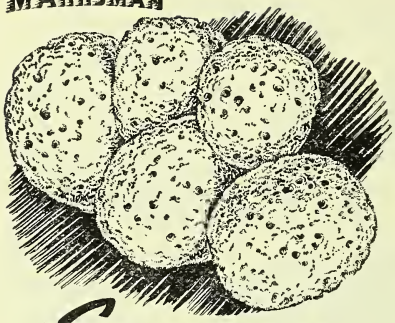

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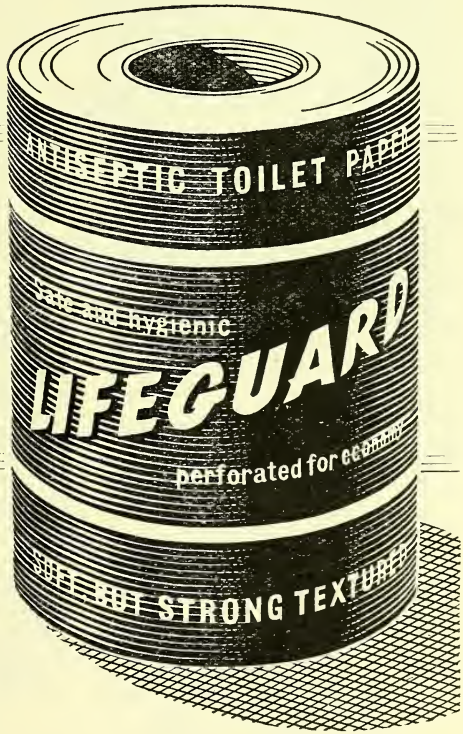

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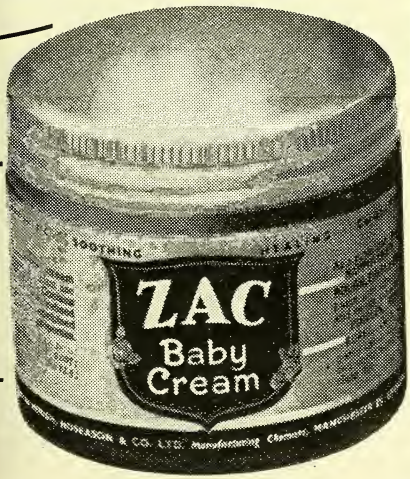

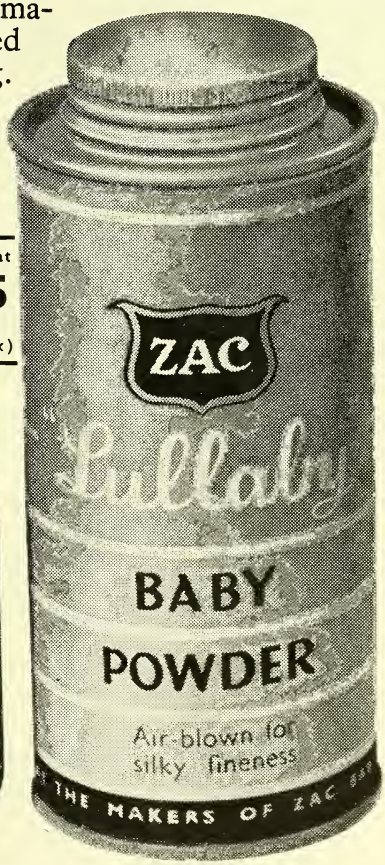

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NOVEMBER 26, 1949

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G. A. HUGHES
Secretary to the Comm

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G. E. WHYTE,
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HAMPSTEAD. Senior qualified assistant wanted in good-class pharmacy. Quick in dispensing and capable of taking charge occasionally. State age, experience and salary required. Sangster & Co., 2 College Crescent, N.W.3. Primrose 0332. C 1168

LIVERPOOL, qualified lady pharmacist to take over management of pharmacy, permanent position, full staff of three female assistants, light dispensing, no Sunday and half-holiday duties. Salary as paid to our other male qualified managers. Apply to G. E. Metcalfe, 34 Landford Avenue, Liverpool, 9. C 1170

LONDON CO-OPERATIVE Chemists Ltd., invite applications from experienced pharmacists for branch managerial vacancies in pleasant suburban areas. Modern, well-equipped shops with good supporting staffs, attractive salary, generous commission, with payment for all rota duties. Positions permanent and superannuated, with excellent promotion prospects. Choice of living accommodation, house or flat, where required. Full particulars as to experience, wages required, etc., to Superintendent Chemist, Grange Rd., Leyton, E.10. C 1123

MANCHESTER, Southern Suburb. Pharmacist, lady or gentleman, required urgently for steady dispensing business. Good salary and permanency. No Sunday or rota duties. Fullest particulars to Box C 1148.

PHARMACIST REQUIRED to manage branch in the West End of London. Hours 9-6. Light dispensing. Minimum salary and commission £12 10s. weekly. Position permanent, prospects excellent for person possessing salesmanship. No living accommodation. Write, giving brief particulars in first instance, to Box C 1101.

Situations Open—Continued

MAIDSTONE. Unqualified assistant required for local branch. Duties mainly dispensing. Permanent position with bonus and superannuation scheme. Usual particulars to: Stonham & Son, Ltd., 70 Bank St., Maidstone. C 1174

MANAGER AND LADY ASSISTANT or man and wife. Manchester district. Good flat available. Also dispenser/book-keeper. Full particulars of salary and experience to Aves (Chemists), Ltd., 33 Bury New Rd., Prestwich, Lancs. C 1134

MANCHESTER (near), wanted end of December, qualified for branch shop; 9 to 6 p.m.; rota 1 week in 4; permanent. Full particulars to Berry, Chemist, Prescot, Lancs. C 1169

PHARMACIST. Lady or gentleman required to take charge of dispensary; full staff kept; excellent experience for young man or woman. Apply, E. N. Rigg, M.P.S., c/o Oldham (Chymists), Ltd., 29 Market Place, Wisbech, Cambs. C 1178.

PHARMACIST (lady or gentleman) required immediately to manage branch shop; fully staffed. Half-day. No Sunday duty. Good salary. T. H. Prichard & Son, Ltd., Medical Hall, Abertillery. C 1116

PHARMACIST, QUALIFIED (either sex) required for good-class Kensington old-established pharmacy. Salary and commission. Good scope. This business newly acquired and would offer great opportunities to a resourceful person. Give full particulars and salary required, to Box C 1183.

QUALIFIED ASSISTANT (lady or gentleman) required. Salary £15 per week. Near London. Apply A. W. Daniel, M.P.S., 12 Chase Cross Rd., Romford, Essex. C 1182

QUALIFIED ASSISTANT, splendid opportunity for young man just qualified to acquire knowledge of management. Permanency. London, West. Apply "A," Box C 5071.

QUALIFIED ASSISTANT, male, young, or experienced unqualified. Congenial situation. Good salary paid. Usual particulars, please. Apply F. G. Bull, 95 Castle St., Luton, Beds. C 1077

QUALIFIED CHEMISTS required by firm of long standing. Good wages. Permanency. Apply Turner & Sons (Cambridge), Ltd., 36 Trinity St., Cambridge. Phone Cambridge 3425/6. Box C 1209.

QUALIFIED MANAGER required for branch pharmacy. Salary £10 per week plus house on premises free of rent, rates and light. Apply to Secretary, Robert Read (Thorne), Ltd., Finkle St., Thorne, Yorks. C 1205

QUALIFIED MANAGER required for branch pharmacy. Salary, £10 per week, and commission on National Health dispensing (minimum £1). Superannuation scheme. Apply, stating age and experience, to Kidderminster Co-operative Chemists, Ltd., Worcester St., Kidderminster. C 7

R. W. DUCK & SON, LTD., St. John Square, Cardiff, require the services of an experienced Dispenser, for their City shop. Apply, the Manager. C 1177

S.W.3. PHARMACIST required to take charge of dispensing of small select business. Post would suit elderly retired qualified man. Good opportunities, salary and commission. Write details to Box C 1184.

SOUTHPORT. The services of a young, qualified assistant are required for dispensing department. Other dispensing staff kept. The position offers an opportunity for gaining valuable dispensing experience. T.S.A. Licence. Please apply with full particulars to J. R. Cave, Ltd., 52 Nevill St., Southport. C 1203

SOUTHPORT. Experienced dispenser, male or female, required. Please apply with usual particulars to J. R. Cave, Ltd., 52 Nevill St., Southport. C 1204

UNQUALIFIED ASSISTANT (male), experienced dispensing. North and South-West London. manency. Apply Box C 5072.

WANTED. Good all-round unqualified assist general duties, country pharmacy. Hours, Box C 1181.

WE HAVE SEVERAL interesting and well- vacancies for unqualified staff in the London a of Ilford, Greenford, Hounslow and Epping. Ap cation in first instance to Superintendent Cher London Co-operative Chemists, Ltd., Grange Leyton, E.10. C

WEMBLEY. Qualified assistant (male) capabl taking charge, required for good-class busi Good salary and prospects for the right man. accommodation available. Please give full p culars to Morrell & Dixon, 7 Central Wembley. C

YOUNGS, CHEMISTS, LTD., Leicester, will sh require well-educated experienced assistants, q fied and unqualified, for long established, high- central pharmacy. Permanency, progre generous salary, outdoors. Please write brief tails of experience. C

RETAIL (OVERSEAS)

PHARMACIST urgently required by large indu organisation for service in the Middle East. hospitals and staff of British M.Os. and si Considerable dispensing for hospital and out-pa clinics. Applicants must hold M.P.S. an under 35 years of age. Attractive salary plus erous allowance in local currency, free passage and home, free medical attention, kit allow good leave arrangements, pension scheme. giving personal particulars and full details of fications and experience, quoting Dept. F.9 Box 2364, at 191 Gresham House, E.C.2.

QUALIFIED PHARMACIST, single man, re for tours of four years each, by company Head Office in Nairobi and branches throu East Africa. Salary scale £630 x £30 an to £720 x £50 annually to £920 plus cost of allowance, at present £120 per annum. weeks' annual local leave and three clear home leave on full basic salary at end of tour. Passage paid both ways. Contract ren by mutual agreement at end of each tour. Box C 5107.

WHOLESALE

ASSISTANT required to sales manager of manufacturers/exporters. Professional back and experience in advertising ethical pharm tical, dental, or veterinary products, ess Attractive salary offered to right person. Bo

EAST YORKS, Durham and Northumberland perienced representative resident on territor with sound connections amongst wholesale a tail chemists required by well-known no manufacturing house. Substantial, firmly lished connection already exists. The post wide scope, sound salary and excellent pr to the right man. Duties commence Janu 1950. Fullest details, in confidence, to Box

EXCEPTIONAL OPPORTUNITY occurs for re tatives in most areas with established conn amongst chemists and hairdressers for sale of ally known products in regular demand. applicants seeking a permanency and a provide proof of their sales ability cons Remuneration by liberal commission for trial of one month followed by permanent appoi Write for preliminary interview, stating i fidence (1) age; (2) sales record; (3) ar trade covered; (4) if car owner. Write Box Deacon's Advertising, 36 Leadenhall St., don, E.C.3.

Situations Open—Continued

2. Really good man required to manage ware-
e of leading Dublin wholesale and manufac-
ng chemists. Must have good knowledge of
maceutical trade and be experienced in organ-
on and control of staff. Good prospects. Salary
rding to ability and experience. Box C 1167.

MIST (exp.) with knowledge of all cosmetics
brushless shaving creams, for well known
ufacturer. Phone: Kingston 4743 or 0918.
C 5104

NS MEDICAL SUPPLIES, LTD., require a repre-
tive to call upon retail pharmacists, hospitals
doctors in Cumberland and the Scottish Bor-
Counties. Experience and knowledge of the
is an advantage, but young pharmacists having
ir for sales are invited to apply and, if suit-
would be accepted for training. Car pro-
d. Full details of experience, qualifications
age, to Evans Medical Supplies, Ltd., Home
ical Department, Speke, Liverpool, 19. C 5121

RIENCED REPRESENTATIVES required for
rol of the following territories: (1) S.W., S.E.
lon, Surrey; (2) Kent, Sussex, Hampshire;
West Country; (4) East Anglia. Applications
invited from salesmen with indisputable con
ons, sales record and high earning capacity.
about 40. Car owners. The appointments are
anent and provide exceptional opportunities
onsiderable expansion. Salary, expenses, com-
on or sole agency basis. Fullest particulars
tial. Address to Sales Director, Box C 1192.

RT. ETHICAL proprietary firm developing
East market have vacancy for export travel-
representative with knowledge trade, French
local market. Successful applicant would prob-
spend six months annually abroad. Apply in
dence, stating salary required, to Box C 5068.

CHEMIST required in North London, pre-
ly with experience in the bakery and con-
nery trade. Excellent prospects, five-day
Box G576 c/o Streets, 110 Old Broad St.,
on, E.C.2. C 5112

TRAVELLER, aged 30 to 40, for sanitary
, to cover Carlisle and North of England.
guaranteed for three months' trial, there-
fixed salary, commission and expenses. Only
ienced person need apply. Preference given
r owner. Commence duties 1st January,
C 5091

ASHIRE. Assistant required in the manufac-
laboratory of small wholesale and manufac-
chemists. Applications, with details of age,
g and experience, to J. J. Thomas & Son,
nging Rd., Rochdale. This advertisement
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ASHIRE & CHESHIRE. (2) Scotland. These
territories with substantial connections will
y become vacant. Well-known progressive
acturers, marketing impressive range of 12
nding pharmaceutical products invite appli-
s from thoroughly experienced salesmen with
earning capacity. Must have indisputable
ctions and sales record and represented house
h repute. Age around 40 and car owners
red. Permanent and progressive appointment.
, expenses and commission. Sole agency basis
ered. Fullest particulars necessary prior to
ew. Box C 1191.

FACTURING CHEMISTS marketing toilet
require representatives with established con-
s chemists, retail and wholesale, Co-ops. and
Commission basis only. The following
are vacant. Yorks, Northern Counties, Wales,
of England, Southern Counties, Eastern
es. Please state full particulars and if car
in confidence, to Sales Manager, Box C 1185

MANUFACTURING CHEMISTS in London have a vacancy for a young pharmacist as assistant to chief chemist. Applications, with full particulars, to Box C 5078.

MANUFACTURING CHEMISTS in North-west London require pharmacist for work in laboratory on analytical control of raw materials and products; also possibly development work at later stage. Pension scheme; 5-day week. Application, stating age, qualifications and salary required to Box C 1179.

MAY & BAKER, LTD., Dagenham, Essex, require a pharmacist for a vacancy in the pharmaceutical research laboratory. The post offers opportunities for a man or woman of ability and originality to develop his or her own ideas. Candidates must have a pharmaceutical qualification with some research experience. Chemical experience will be an asset. Age about 25-30 years. Salary according to qualifications and experience. Apply initially in writing to the Personnel Officer, giving full details of quaifications and experience and quoting reference No. 3734. C 5099

MAY & BAKER, LTD., Dagenham, Essex, have vacancies in their pharmaceutical preparations and packaging division for newly qualified pharmacists. The engagement is on the manufacture and packaging of ethical products, with opportunity for experiment in production and control methods Salary according to age, qualifications and experience with prospects of advancement. There is a staff pension fund (contributory). Applicants should write, giving full details (confidential) and quoting reference No. 3661 to the Personnel Officer. C 5069

MEDICAL REPRESENTATIVE. Evans Medical Supplies, Ltd., require a representative to call on hospitals and doctors in South London, Berks, Bucks, Hants and Oxon. Ability and experience in sales and propaganda an advantage, but young pharmacist with a flair for such duties would be acceptable for training. Residence or willingness to reside in or near London, S.W., desirable. Car provided. Application, with full details, to Evans Medical Supplies, Ltd., Home Medical Department, Speke, Liverpool, 19. C 5120

MEDICAL REPRESENTATIVES required for London and Scotland by old-established London Manufacturing Chemists, to call on doctors, dentists, hospitals and the retail and wholesale trade. Applications invited from men, 25-35 years of age, trained in pharmacy, qualified or unqualified. Previous outdoor experience and knowledge of territory an advantage but not essential. State age, experience and salary required. Box C 5110.

MEDICAL REPRESENTATIVE. Manufacturers of infant foods require additional representation in London area. Previous experience desirable but not essential. Applications, stating age, qualifications and experience, should be sent to the Secretary, Reckitt & Colman, Norwich. All letters will be treated in confidence. C 1158

MENLEY & JAMES, LTD. Medical Information Department. Applications are invited to fill a vacancy in our medical information department. Applicants must have good educational background and preferably the Ph.C. or B.Pharm. qualification, and be able to deal with medical correspondence and literature research. This is a permanent post with good prospects. Apply in writing, stating age, qualifications and full details of previous experience to Menley & James, Ltd., 123, Coldharbour Lane, London, S.E.5. C 5100

PHARMACIST (male) required for training in medical information department. The duties are of a non-commercial nature and require a knowledge of therapeutics and medical subjects generally. Hospital experience an advantage but not essential. Apply initially, in writing, giving brief resumé of career, to Box "Medical," C 5070.

Situations Open—Continued

PROCESS WORKER required by manufacturing chemists. Some experience preferred. Five-day week. Southall Bros. & Barclay, Charford Chemical Works, Alum Rock, Birmingham. C 5085

PRODUCTION CHEMIST required for West London manufacturing house. Previous experience in medium scale galenical work and assaying desirable. Please give full details and salary required. Box C 18.

PHOTOGRAPHIC GOODS WHOLESALERS require representative. Trade knowledge essential. Write Neville Brown, Newman Yard, W.1. C 1139

PROGRESSIVE MANCHESTER FIRM of manufacturing chemists are about to engage an assistant works chemist on January 1st, 1950. To a qualified pharmacist with experience in the manufacture of compressed tablets, lozenges, etc., and who is not afraid of work in retail pharmacy very adequate remuneration is offered. Mark "Confidential," Box C 1211.

REPRESENTATIVE of very well-known London manufacturing chemists required in Eastern Counties. Applications are invited from men with first rate retail pharmacy experience. Successful candidate will be required to maintain contact with the company's trade customers, mainly retail and wholesale chemists, and also carry out a certain amount of professional propaganda. An essential qualification is residence on the territory, preferably in Cambridgeshire or Suffolk. Car provided. Previous experience of representative work not essential. Full particulars in first letter, please. Box C 5105.

SALES MANAGER required by well-known pharmaceutical manufacturers in London. Must have first-class experience of pharmaceutical trade with first-class merchandising experience and organising ability. Capable of controlling and supervising outside representatives. Age preferably between 35-40. Salary £1,250 or according to qualifications and experience. Apply Personnel Manager, Box C 5095.

SALES REPRESENTATIVE for all veterinary products to qualified profession in Devon and South-West Counties. Good salary with expenses and commission. Excellent prospects for man with initiative. Car provided. Apply Willington Medicals, Ltd., 87 Whitchurch Rd., Shrewsbury. C 5048

TABLET MAKER. Experienced in single and multiple machine processes, granulation of pharmaceuticals required by London manufacturing chemists. Write, stating age, experience and salary required to Box C 5123.

TABLET MAKER required by London manufacturing chemists, experienced in the production of high-class products and use of rotary machines. Apply, stating age and salary required to Box C 5111.

THE ALLIED DRUG & CHEMICAL CO., require staff for assembly and checking of orders; knowledge of patent, toilet and sundry lines necessary. Phone Euston 2524 for appointment for an interview at 1 Robert St., Hampstead Rd., N.W.1. C 1206

THOMAS KERFOOT & CO., LTD., invite applications for the post of representative for West London and adjacent Home Counties. Preference will be given to applicants resident in the territory who have a pharmaceutical qualification. Please send full particulars to Thomas Kerfoot & Co., Ltd., Vale of Bardsley, Lancs. C 5103

UNQUALIFIED ASSISTANT required by London manufacturing chemists. Experience of large-scale wet and dry compounding an advantage, but not essential. Good prospects for young unqualified man. Apply, with full details of experience and salary required. Box C 5108.

THE WELLCOME FOUNDATION, LTD., h vacancy in its chemical development departme Dartford for a chemist to work on prob mainly connected with the preparation of synt drugs. Applicants should have an honours d or its equivalent with some previous industria perience. Applications, giving full details, in ing salary expected to be sent to the Works S tary, Wellcome Chemical Works, Dartford. C

UNQUALIFIED MAN required for wholesale m facturing chemists in Shrewsbury. Aged 25 t Permanent position for suitable man. Apply C 5049.

VACANCY for full time representative will with manufacturers of old-established natio advertised pharmaceutical and cosmetic pro next January. London and Southern Home ties. Past experience selling to wholesale, chemists and department stores essential. Po offers great scope for live man with modern s ideas. Salary, commission and expenses. Box C 5122.

WANTED. All districts. Representatives to toilet soap on commission 6%. No competing to be carried. Apply, stating area covered, n of live accounts and lines already carried, t C 1212.

WARD, BLENKINSOP & CO., LTD., require cal representatives for (1) N.E. England; (2) tol and S. Wales and (3) Yorkshire. Appl with previous representative experience in areas, coupled with a sound knowledge of m therapeutics, should send full particulars to ager, Medical Products Dept., 6 Henriett London, W.1.

WORKS CHEMIST, B.Sc. to take charge of in Midlands, manufacturing disinfectants, cides, insecticides, soap, etc. Please give fu tails in confidence. Box C 1187.

YOUNG, ENERGETIC COATER required by L manufacturing chemists; knowledge of co work essential. Apply, giving age, experienc salary required in first instance, to Box C 5

YOUNG PHARMACIST required by London facturing chemists as assistant to production ager. Experience of large-scale manufactur advantage but not essential. Applications from men interested in manufacturing of pharmaceutical products. Applicants shoul full particulars of training and experienc state age and salary required. Box C 51

WHOLESALE (OVERSEAS)

INDIA AND FAR EAST. May & Baker Dagenham, Essex invite applications from macists for positions as junior sales manager seas. Candidates must be single men, age n 28 years, and should have a good general edu previous selling or sales office experience. apply initially in writing giving full det education and experience. Reference No must be quoted on all applications which sh addressed to the Personnel Officer.

PHARMACEUTICAL COMPANY with interr reputation offers permanent appointment staff of its scientific office in Switzerland to science graduate. Applicants must be Briti and possess sufficient knowledge of Ger translate scientific literature from this l into good English. A knowledge of French be an additional advantage. Duties inclu compiling and editing of promotion literat the medical profession and the translati abstracting of medical publications. Some acquaintance with or interest in medical li would be desirable. Applicants should pr not be over 30 years of age and should sub particulars of training and qualifications, panied, if possible, by a recent photograp C 5119.

SITUATIONS WANTED

for 18 words (min.) then 2d. per word. Box 1/-

RETAIL (HOME)

STANT. Elderly, competent dispenser, sales-, unqualified, active, accustomed to manage. m, 240 Boultham Park Rd., Lincoln. C 1208

Y, UNQUALIFIED, wishes to acquire dispensing rience in good-class pharmacy doing mainly te prescriptions. London. Box C 1161.

RMACIST (M.P.S.N.I.) young, 11 years ex- nce, at present engaged Northern Ireland, post England or Scotland. Details to Box 56.

UALIFIED, 20 years' experience retail, whole- administrative and staff control; authority urchase tax, seeks progressive position prefer- West Riding. Would invest capital if neces- Box C 1176.

T COUNTRY. Situation required by unquali- well-experienced dispensing, sales, photo- hy. Unfurnished accommodation desirable. C 1202.

OCUMS SEEKING ENGAGEMENTS

LIFIED PHARMACIST, expert dispenser, highly mended, has vacancies November 28 onward. et or S.E. London. Reasonable terms. Alec od, 25 Cliftonville Ave., Margate. Tel. Mar- 2805. C 1200

WHOLESALE

RTISER, with experience of administrative and pharmacy, wishes to return to pre-war em- ent as sales and goodwill representative of ished and reputable company in South-West nd. This insertion is intended only for atten- f managing and sales directors who, in return nitiative, industry and integrity, consider a um annual remuneration of £750 a reason- igure. Box C 1162.

LEMAN, age 40, 23 years' sound all-round ence of the pharmacy trade, wholesale, retail anufacturing, and to control of both factory ales seeks good executive position with re- firm. Box C 1130.

SENTATIVE calling on wholesale and retail sts, North-East and North-West Counties, re- additional line, commission basis. First-class tion. Car owner. Write Box C 1190.

G WOMAN, B.Sc. (general), B.M.E. indust. ical experience, seeks post. Box C 1189.

AGENCIES

or 36 words (min.) then 4d. per word. Box 2/-

M WHO ARE SOLE distributors for Great of a leading line in cosmetics are looking ldditional lines which are suitable for per- or drug departments or departmental hairdressers, etc. Only exclusive lines will sidered. Box C 1197.

LISHED Irish manufacturers of high-class und veterinary products require a wholesale tor in England, Scotland and Wales, to pur- on a sole agency basis. Messrs. Rex Martin 33 Kildare St., Dublin. C 1172

H COSMETIC manufacturer of repute seeks tors in the U.K. Only firms which can trade anl bank references should apply. ullest details to Box C 1193.

BUSINESS OPPORTUNITIES

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AN OPPORTUNITY OCCURS for person or limited company desirous of obtaining substantial holding in newly established and rapidly expanding wholesale pharmaceutical organisation, requiring only moderate outlay of capital. For further particulars apply in first instance to Box C 1165.

COMPANY OWNING well-known proprietary toilet product well distributed with multiples, chemists and stores invite contact with individual or group able to provide finance for advertising and general development. Opportunity substantial home and export sales. Box C 1111.

MANUFACTURING CHEMISTS have facilities and plant available for the manufacture and/or packing of domestic, industrial or toilet products. Bottle, powder and tube filling. Frank Macowal, Ltd., 30 Loughborough St., S.E.11. Reliance 3435. C 3

OLD ESTABLISHED Midland wholesalers wish to contact manufacturers who can offer prompt delivery of N.F. tablets, capsules, pills. Box C 1199.

WANTED

17/6 for 36 words (min.) then 4d. per word. Box 2/-

CARTONS bought, large and small quantities, new and used. Best prices offered c.o.d. Also required, ampoules, bottles 8 oz. wide mouth amber upwards. Details Leon Davis, 1 Hanbury House, Hanbury St., London, E.1. Bis. 2051. C 1207

WANTED. Surplus stocks from the wholesale and retail chemists and sundriesman, proprietary brands only. Please send samples and price lists. Samples not required returned promptly. D. H. & Co., Ltd., 11 The Broadway, W.C. C 1213

WANTED. Supplies of refined and deodorised teaseed oil. Sodium sulphide solid fused. 1 ton para-di-nitro-chlor benzene. Beta-naphthol flake. Box C 1159.

WANTED. Clear out your old or damaged stock of photographic material. All papers, cards, films, plates, sundries, cameras—anything photographic. Send them along. Fair price given. Cash per return. Established 1898. J. Hackett, Photo Stores, 23 July Rd., Liverpool, 6. C 1034

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Kindly write sending types, quantity of each power required

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Under the National Health Service these appliances can be ordered on EC10 forms.

Pharmacists should be fully acquainted with the practical details involved in the supplying and fitting of them.

The informative series of articles on the subject recently published in The CHEMIST AND DRUGGIST have been reprinted in booklet form, "THE FITTING OF TRUSSES AND ELASTIC HOSIERY," which provides full information in concise detail. Copies should be handy for reference purposes in every pharmacy.

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BEAUTIFUL JARS by Wood Bros. Offers wanted for 250 gross each 2 oz. and 4 oz. taper jars. Also large stock of cosmetic, bath salts, ointment, medicine, and sauce bottles and jars for disposal. First reasonable offer accepted. Box C 1122.

BOTTLE-WASHING MACHINE for sale. Dawson Hydro. Steam heated, complete with pre-soaker, 50 trays, pump filters and spares, to take any size bottles up to 11 in. high. Cost £467, only used two months. Offer invited. Rapidol, Ltd., 22 St. Margaret's Rd., London, W.7. Ealing 2836. C 8

BRONCHIAL TABLETS (Ventay). 600 dozen 1/3 tins to clear. Perfect condition. Any reasonable offer accepted for whole or part. Offers Box C 5098.

EXHAUSTED (spent) tolu available. Best offer. Box C 1194.

FANCY BOXES. Rigid. Eight sizes, suitable for packing own Xmas coffrets; perfume bottles and boxes, 1 dr., 2 dr. 4 dr. and 6 dr. Toilet bottles, 1 oz. and 2 oz. Write for illustrated price list, Willsons, Ltd., High Rd., Balby, Doncaster. C 1065

FOR SALE: Cardboard boxes, 150 gross loose lid, black flint covered, size $2\frac{3}{4}$ in x $1\frac{5}{8}$ in. x $\frac{3}{4}$ in.; 80 gross ditto, size $2\frac{3}{8}$ in. x $1\frac{1}{2}$ in. x $\frac{3}{8}$ in. Also 50 gross No. 0 tablet bottles with metal caps; 50 gross glass tubes $4\frac{1}{2}$ in x $\frac{1}{2}$ in. with corks; 1 cwt., Ferri Hypophos. B.P.C., and 1 cwt. citric acid (crystals). Sample and prices on request. Box 22, T.C. Bench Ltd., 185 Uxbridge Rd., Hampton Hill, Middlesex. C 5125

FOR SALE. 160 oz. plain glass bottles at £ gross. 1 gallon stone bottles without handl £10 16s. per gross. Small pill machine, Roach, 41 Hawkwood Cres., E.4. Silverthorn C

GLASSBLOWING, medical, scientific, and repe by Hall, Drysdale & Co., Ltd., 58 Commerce Wood Green, London, N.22. Phone: Bowes 7221.

MANUFACTURERS' surplus 19 cwt. grade 30 technical oil in six 40/50 gallon drums. D essential. Offers to Box C 1198.

SACCHARIN TABLETS. Standard 0.2 gr., 5 envelopes of 100 tablets in 1 gross boxes. 1 gross, 56/-; 6 to 10 gross, 55/-. Special pri larger lots. C.O.D. or C.W.O. H. N. Well Roding Lane South, Ilford, Essex. C

STANDARD SACCHARIN TABLETS. 0.2 gr in envelopes of 100 tablets, boxed in 1 gros 1 to 5 gross at 58/- p. gross. Quotations for quantities by return. Tell Products, Ltd., Rosemont Rd., N.W.3.

SURPLUS. Spanish rosemary and geraniol tins. Best offers. Box C 1163.

SURPLUS STOCK. Ampoules, 1 c.c. whit const. neck. 300,000, 20/- per 1,000. Tanni pur. 8 cwt. 6/6 lb., 4 oz. to 1 lb., bots. Box C 5101.

PARTNERSHIPS

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OPPORTUNITY KNOCKS for pharmacist man with a view to partnership and subs succession for the right man in an old-esta good-class dispensing business in a Man suburb. Fullest particulars to Box C 1147.

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18/- per half-inch (min.) and pro rata. B

2/5 LITTLE BRITAIN, E.C. (St. Paul's neares Station). Excellent shop equipment suitat chemists, etc. Drug runs, wall cases, glass co silent salesmen, mirrors, display stands, glass office furniture, laboratory equipment, ch sundries, fancy goods, etc. B. Norman & S sell by auction, Wednesday 7th December p.m. View day prior and morning of sale. logues (3d. post free) on application.

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47,000 SQ. FT., SHOREDITCH. Substanti hold factory, concrete flors, two electric goo sprinklers, central heating, offices, cantee Further particulars of Sole Agents, Leopold & Sons, 46 Gresham St., E.C.2. Tel. Mc (8 lines).

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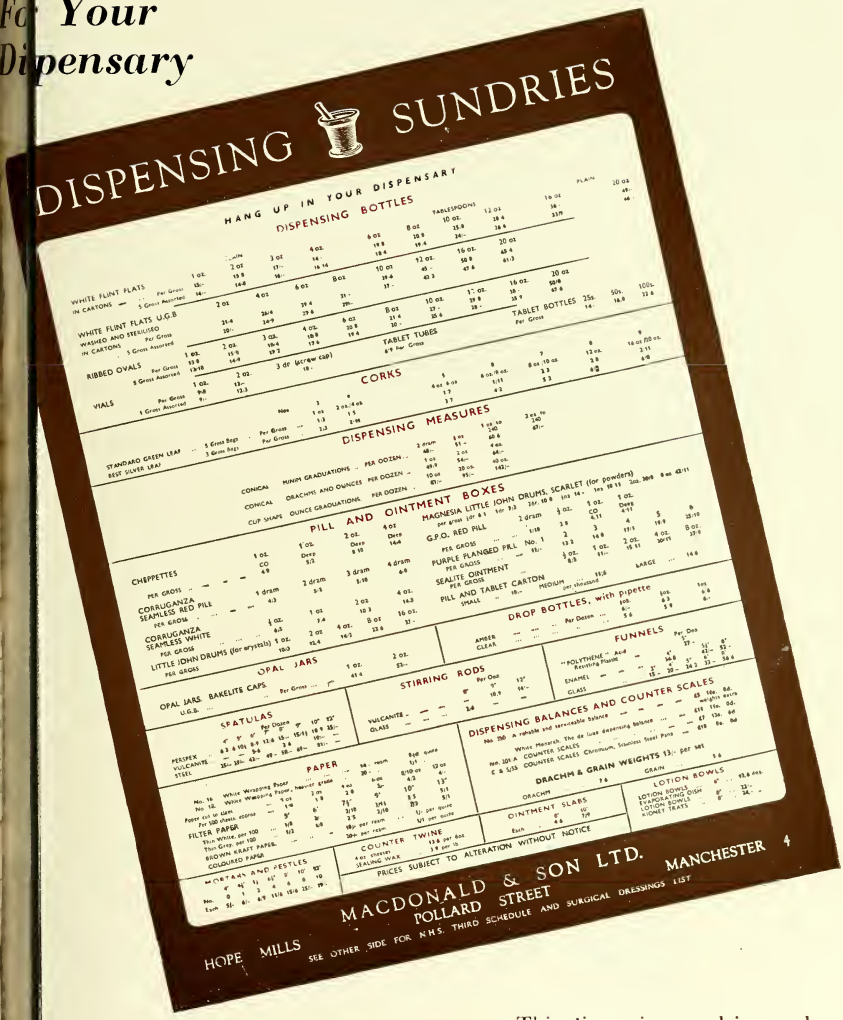
For Your Dispensary



This dispensing sundries card, measuring approximately $12\frac{1}{4}'' \times 9\frac{3}{4}''$, attractively printed in two colours, will be found useful in the dispensary. Dispensing sundries listed on the front, and on the back surgical dressings and druggists' sundries.

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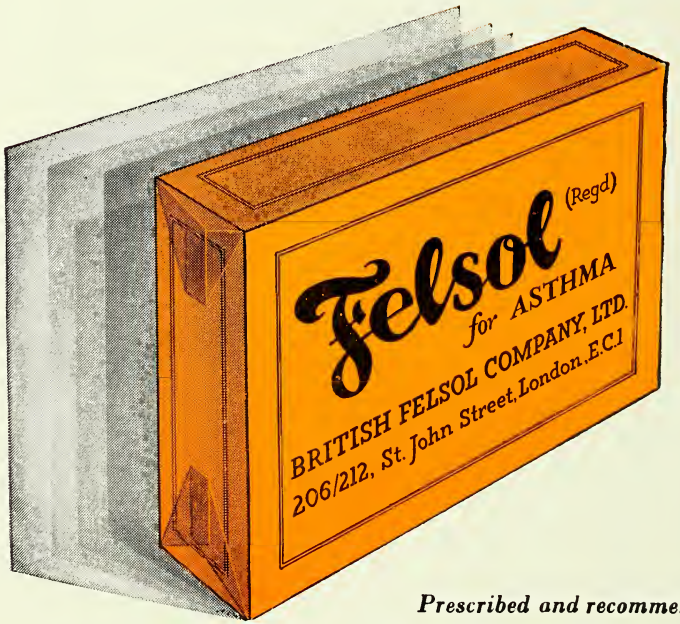

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